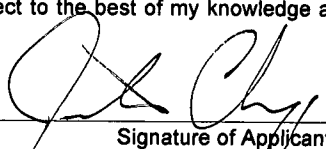


**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

| | | | |
|---|--|--|--|
| Operator Name: Ritchie Exploration, Inc. | | License Number: 4767 | |
| Operator Address: PO 783188 Wichita, KS 67278 -3188 | | | |
| Contact Person: Justin Clegg | | Phone Number: 316-691-9500 | |
| Lease Name & Well No.: #1 Barnhart-Wilkinson | | Pit Location (QQQQ): 30°N 125°W - <u>W/2</u> - <u>E/2</u> - <u>NW</u> Sec. <u>18</u> Twp. <u>17</u> R. <u>34</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>3,990</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>1,525</u> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <u>Scott</u> County | |
| 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 <i>(If WP Supply API No. or Year Drilled)</i> | | Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 10,686 (bbls) | |
| Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i> | |
| 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? Cottonseed Hulls / Aquagel | |
| Pit dimensions (all but working pits): <u>100</u> Length (feet) <u>100</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>6</u> (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 <u>1121</u> feet Depth of water well <u>110</u> feet | | Depth to shallowest fresh water <u>28</u> feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input 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: <u>Fresh / Chemical Mud</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>Haul Off Fluids, Backfill</u> Drill pits must be closed within 365 days of spud date. | |
| I hereby certify that the above statements are true and correct to the best of my knowledge and belief. | | RECEIVED KANSAS CORPORATION COMMISSION | |
| <u>March 10, 2008</u> Date | |  Signature of Applicant or Agent | |
| | | MAR 11 2008 CONSERVATION DIVISION WICHITA, KS | |
| KCC OFFICE USE ONLY | | | |
| Date Received: <u>3/11/08</u> | | Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input type="checkbox"/> | |
| Permit Number: <u>15-171-20692-5000</u> | | Permit Date: <u>3/20/08</u> Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |



*Kathleen Sebelius, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner*

March 20, 2008

Mr. Justin Clegg
Ritchie Exploration, Inc.
PO Box 783188
Wichita, KS 67278-3188

RE: Haul-Off Pit Application
Barnhart-Wilkinson Lease Well No. 1
NW/4 Sec. 18-17S-34W
Scott County, Kansas

Dear Mr. Clegg:

District staff has inspected the above referenced location and has determined that the haul-off pit shall be 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 after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve 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, Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

A handwritten signature in black ink that reads "Kathy Haynes".

Kathy Haynes
Environmental Protection and Remediation Department

cc: district



Kathleen Sebelius, Governor
 Thomas E. Wright, Chairman
 Michael C. Moffet, Commissioner
 Joseph F. Harkins, Commissioner

RECEIVED
 KANSAS CORPORATION COMMISSION

**HAUL-OFF PIT APPLICATION
 FILING REQUIREMENTS**

MAR 17 2008

CONSERVATION DIVISION
 WICHITA, KS

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 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.

18-17-34W
 2490'S
 1525W

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 landowner 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 landowner 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.



RECEIVED
KANSAS CORPORATION COMMISSION

MAR 17 2008

CONSERVATION DIVISION
WICHITA, KS

March 10th, 2008

Jan M. & Kimberly M. Wilkinson
5751 N. Cherokee
Scott City, KS 67871

RE: #1 Barnhart-Wilkinson
Approx. 2490' FSL & 1450' FWL
Section 18-17S-34W
Scott County, Kansas

Dear Mr. & Mrs. Wilkinson,

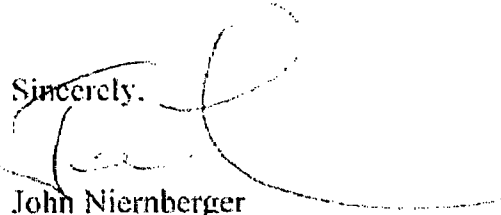
The Kansas Corporation Commission requires written approval from landowners for the use of a haul-off surface pit for the temporary storage of drilling fluids from wells drilled on the lands described above. Ritchie agrees to abide by all state requirements, which include timely removal of fluids and 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 1300' from the north line and 1400' from the west line, in the northwest quarter of Section 18-17S-34W in Scott County, Kansas. This pit will be used for the temporary storage of fluids from the above-captioned well.

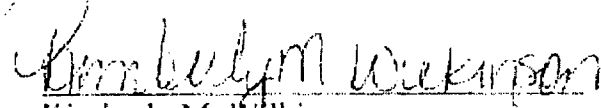
Please return the signed document to us in the enclosed stamped self-addressed envelope, at your earliest convenience.

We thank you for your time and assistance in this project.

Sincerely,


John Niernberger
Production Manager


Jan M. Wilkinson


Kimberly M. Wilkinson