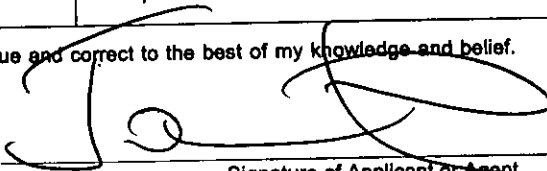


15-155-20304-0000

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: P. O. Box 783188, Wichita, KS 67278-3188		
Contact Person: John Niernberger		Phone Number: (316) 691 - 9500
Lease Name & Well No.: Grandon A #3 SWD		Pit Location (QQQQ): approx C <u>E/2</u> <u>NE</u> <u>NE</u> Sec. <u>4</u> Twp. <u>24S</u> R. <u>4</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>4609</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>394</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <u>Reno</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 checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small> 15-155-20304	Pit is: <input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Existing If Existing, date constructed: 09/12/2007 Pit capacity: 170 (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	How is the pit lined if a plastic liner is not used? Plastic
Pit dimensions (all but working pits): <u>16'</u> Length (feet) <u>20'</u> Width (feet) <u>N/A: Steel Pits</u> Depth from ground level to deepest point: <u>3'</u> (feet)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. 6 mil		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Daily visual inspection.
Distance to nearest water well within one-mile of pit <u>769</u> feet Depth of water well <u>50</u> feet		Depth to shallowest fresh water <u>7</u> feet. Source of information: _____ measured _____ well owner _____ 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: <u>Freshwater</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>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 SEP 14 2007 CONSERVATION DIVISION WICHITA, KS		
<u>09/13/2007</u> Date		 Signature of Applicant or Agent

15-155-203040001

KCC OFFICE USE ONLY			
Date Received: <u>9/14/07</u>	Permit Number: <u>15-155-203040001</u>	Permit Date: <u>9/14/07</u>	Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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



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

September 19, 2007

John Niernberger
Ritchie Exploration, Inc.
PO Box 783188
Wichita, KS 67278-3188

Re: Workover Pit Application
Grandon A SWD Lease Well No. 3
NE/4 Sec. 04-24S-04W
Reno County, Kansas

Dear Mr. Niernberger:

District staff has reviewed the above referenced location and has determined the pit must **be lined and fluids removed after completion**. A plastic liner with the minimum thickness of 6 mil is to be used. Integrity of the liner must be maintained at all times.

The fluids must be removed from the pit after workover operations have ceased. The fluids should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (April 2004), 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.

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". The signature is written in a cursive style and is positioned above a horizontal dashed line.

Kathy Haynes
Department of Environmental Protection and Remediation

Cc: district

9-18-07
OK with Plastic
Line MW, by SVG

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

Form ODP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Ritchie Exploration, Inc.		License Number: 4767	
Operator Address: P. O. Box 783188, Wichita, KS 67278-3188			
Contact Person: John Niernberger		Phone Number: (316) 691-9500	
Lease Name & Well No.: Grandon A #3 SWD		Pit Location (QQQQ): Sec. <u>4</u> Twp. <u>24S</u> R. <u>4</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input checked="" type="checkbox"/> Workover Pit <input type="checkbox"/> Heat-Off Pit <small>(If W/P Supply API No. or Year Drilled)</small> 15-155-20304	Pit is: <input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Existing If Existing, date constructed: 09/12/2007 Pit capacity: 170 (bbls)	Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 4609 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section 394 Reno 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	How is the pit lined if a plastic liner is not used? Plastic	
Pit dimensions (all but working pits): <u>18'</u> Length (feet) <u>20'</u> Width (feet) N/A: <u>Sheet Pits</u> Depth from ground level to deepest point: <u>3'</u> (feet)			
If the pit is lined give a brief description of the liner material, thickness and installation procedure. 6 mil		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Daily visual inspection.	
Distance to nearest water well within one-mile of pit <u>769</u> feet Depth of water well <u>50</u> feet		Depth to shallowest fresh water <u>7</u> feet Source of information: _____ measured _____ well owner _____ electric log <input checked="" type="checkbox"/> KDWR	
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I hereby certify that the above statements are true and correct to the best of my knowledge and belief. <u>09/13/2007</u> Date		RECEIVED SEP 14 2007 KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA, KS Signature of Applicant or Agent	
KCC OFFICE USE ONLY			
Date Received: <u>9/18/07</u> Permit Number: <u>15-155-203040001</u> Permit Date: _____ Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No			

Mail to: KCC - Conservation Division, 190 S. Market - Room 2070, Wichita, Kansas 67202