



KANSAS CORPORATION COMMISSION 1041021  
OIL & GAS CONSERVATION DIVISION.

Form CDP-1  
May 2010  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name: <b>Ritchie Exploration, Inc.</b>		License Number: <b>4767</b>	
Operator Address: <b>8100 E 22ND ST N # 700</b>		<b>BOX 783188 WICHITA KS 67278</b>	
Contact Person: <b>John Niernberger</b>		Phone Number: <b>316-691-9500</b>	
Lease Name & Well No.: <b>Ames W R 1</b>		Pit Location (QQQQ): <b>SW - NW - NW - NW</b> Sec. <b>6</b> Twp. <b>18</b> R. <b>10</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>4,912</b> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <b>5,067</b> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <b>Rice</b> 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 <i>(If WP Supply API No. or Year Drilled)</i> <b>15-159-01668-00-00</b>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: <b>120</b> (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): <b>10</b> Length (feet) <b>10</b> Width (feet)		<input type="checkbox"/> N/A: Steel Pits	
Depth from ground level to deepest point: <b>6</b> (feet)		<input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <b>6 mil</b>		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>Daily visual inspection</b>	
Distance to nearest water well within one-mile of pit: <b>738</b> feet    Depth of water well <b>26</b> feet		Depth to shallowest fresh water <b>26</b> feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> 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		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: <b>Freshwater and cement</b> Number of working pits to be utilized: <b>1</b> Abandonment procedure: <b>Backfill</b> Drill pits must be closed within 365 days of spud date.	
<b>Submitted Electronically</b>			
<b>KCC OFFICE USE ONLY</b>			
Date Received: <b>07/20/2010</b>		Permit Number: <b>15-159-01668-00-00</b>	
Permit Date: <b>07/20/2010</b>		Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	