



KANSAS CORPORATION COMMISSION 1098604  
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>Torline 17A 1</b>		Pit Location (QQQQ): <b>SE SE NW NE</b>	
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>15-057-20600-00-00</b>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: <b>85</b> (bbls)	Sec. <b>17</b> Twp. <b>27</b> R. <b>23</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>1261</b> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <b>1645</b> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <b>Ford</b> County	
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 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>8</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>3548</b> feet    Depth of water well <b>400</b> feet		Depth to shallowest fresh water <b>82</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/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>10/24/2012</b>	Permit Number: <b>15-057-20600-00-00</b>	Permit Date: <b>10/24/2012</b>	Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		<input checked="" type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS	