

**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: ARDC INC		License Number: 32062
Operator Address: 108 W 34TH		HAYS KS 67601
Contact Person: GREG WHITEHAIR		Phone Number: 785-432-0789
Lease Name & Well No.: LANDGREN B2		Pit Location (QQQQ): NE NW SW
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 W/P Supply API No. or Year Drilled) 15-113-20991</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 160 (bbls)	Sec. 6 Twp. 18 R. 3 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2,210 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 4,290 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section MCPHERSON 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?
Pit dimensions (all but working pits): <u>22</u> Length (feet) <u>10</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>4</u> (feet) <input type="checkbox"/> No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. 10 MIL BLACK PLASTIC, LAID IN BOTTOM OF PIT AND FILLED WITH WATER		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. PULL BACK LINER AND CHECK FOR FLUIDS BEHIND LINER
Distance to nearest water well within one-mile of pit <u>760</u> feet Depth of water well <u>75</u> feet		Depth to shallowest fresh water: <u>32</u> 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: <u>WATER</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>EMPTY PIT, TEAR LINER & BACK FILL</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 AUG 03 2011 KCC WICHITA
<u>8/1/2011</u> Date	<u>Greg Whitehair</u> Signature of Applicant or Agent	

KCC OFFICE USE ONLY		Steel Pit <input type="checkbox"/>	RFAC <input checked="" type="checkbox"/>	RFAS <input type="checkbox"/>
Date Received: <u>8-3-11</u>	Permit Number: <u>15-113-20991-0000</u>	Permit Date: <u>8-5-11</u>	Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
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

August 5, 2011

ARDC Inc.
108 W 34th
Hays, KS 67601

Re: Workover Pit Application
Landgren Lease Well No. B 2
SW/4 Sec. 06-18S-03W
McPherson County, Kansas

Dear Sir or Madam:

District staff has reviewed the above referenced location and has determined the pit must **be lined and fluids removed within 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 completion of workover operations. 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,

Kathy Haynes
Department of Environmental Protection and Remediation

Cc: district