



KANSAS CORPORATION COMMISSION 1019946
OIL & GAS CONSERVATION DIVISION

Form CDP-1
April 2004
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

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|---|--|---|--|
| Operator Name: Ritchie Exploration, Inc. | | License Number: 4767 | |
| Operator Address: 8100 E 22ND ST N # 700 | | BOX 783188 WICHITA KS 67278 | |
| Contact Person: John Niernberger | | Phone Number: 316-691-9500 | |
| Lease Name & Well No.: Bonnie Carson 2 | | Pit Location (QQQQ): NW SW NE NE | |
| 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: 15,387 (bbls) | Sec. 20 Twp. 27 R. 23 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 980 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 1,010 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Ford 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No | How is the pit lined if a plastic liner is not used? Bentonite | |
| Pit dimensions (all but working pits): 120 Length (feet) 120 Width (feet) | | <input type="checkbox"/> N/A: Steel Pits | |
| Depth from ground level to deepest point: 6 (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 3087 feet Depth of water well 200 feet | | Depth to shallowest fresh water 63 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: Fresh / Chemical Mud Number of working pits to be utilized: 1 Abandonment procedure: Haul Off Fluids / Backfill Drill pits must be closed within 365 days of spud date. | |
| Submitted Electronically | | | |

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|----------------------------|-----------------------------------|------------------------------------|---|--|
| KCC OFFICE USE ONLY | | Steel Pit <input type="checkbox"/> | RFAC <input checked="" type="checkbox"/> | RFAS <input checked="" type="checkbox"/> |
| Date Received: 06/25/2008 | Permit Number: 15-057-20609-00-00 | Permit Date: 06/26/2008 | Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

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