



KANSAS CORPORATION COMMISSION 1092115
OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Apache Corporation		License Number: 34269	
Operator Address: 2000 POST OAK BLVD, STE 100		HOUSTON TX 77056	
Contact Person: Trent Fontenot		Phone Number: 281-302-2594	
Lease Name & Well No.: Zerr 31-41-1H		Pit Location (QQQQ): NE - NE - NE - NW Sec. 31 Twp. 10 R. 28 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 160 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 2655 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Sheridan 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> 15-179-21307-01-00	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 965 (bbls)		
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): 30 Length (feet) 30 Width (feet) Depth from ground level to deepest point: 6 (feet)		<input type="checkbox"/> N/A: Steel Pits <input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Pit will have a liner installed with a minimum thickness of 20mil. Will be installed with a base of sand or soil free of rock/debris to prevent tearing. With the relatively small pit size the liner will be installed in one piece and anchored in place.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Liner will be inspected post drilling/filling operations and prior to backfill. Due to the short time frame of use there will be no specifically planned inspection intervals.	
Distance to nearest water well within one-mile of pit: 3471 feet Depth of water well 105 feet		Depth to shallowest fresh water 52 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: Cuttings Number of working pits to be utilized: 1 Abandonment procedure: Only cuttings will be placed in the lined pit allowed to dry and backfilled to restore location. This rig will use a closed loop circulation system. Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			
KCC OFFICE USE ONLY			
Date Received: 08/29/2012		Permit Number: 15-179-21307-01-00	
Permit Date: 08/29/2012		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	

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

Zerr-31-41-1H
GRND EL: 2,748'
N: 306012.29
E: 1294197.72

Apache

Proposed Additional
Cuttings Pit

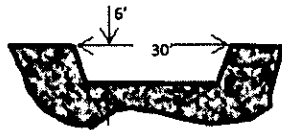
Current Cuttings Pit
30ft

Tank Battery

Zerr #31-41-1H

400 ft

500 ft



Cuttings Burial Pit

Proposed Pad Layout
Grainfield Kansas

Scale
0 100
Lengths are in US Feet

Zerr Pad
Section 31, T10S,
R28W