

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1084615

Form CDP-1 May 2010 Form must be Typed

## **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Address:         Contact Person:       Prone Number:         Lesse Name & Well No:       Pt Location (QOQO):         Type of Prt:       Pt is:         Benergency Pit       Burn Pit         Haul-Off Pit       Pt is:         Contact Pit       Haul-Off Pit         Warkower Pit       Haul-Off Pit         West Stand In a Sensitive Ground Water Area?       Yes         (bbb)       Coloride concentration:         (bbb)       Coloride concentration:         (bbb)       Coloride concentration:         (bbb)       Optimit fit (left)         (bbb)       No         Pit dimensions (all but working pits):       Length (left)         Depth for mg ground level to deepest point:       (feet)         Depth for mg ground level to deepest point:       (feet)         Depth for mg ground level to deepest point:       (feet)         Depth for mg ground level to deepest point:       (feet)         Depth for mg g	Emergency, Settling and Burn Pits ONLY: Producing Formation:	illed fluids to	Number of work Abandonment p Drill pits must b		
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Genergency Pit       Burn Pit         Setting Pit       Drilling Pit         Workover Pit       Haul-Off Pit         Workover Pit       Haul-Off Pit         Pit Located in a Sensitive Ground Water Area?       Yes         No       Pit capacity:         (bbls)       Control         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Pit demainsions (all but working pits):       Length (leat)         It the pit is lined give a brief description of the liner       Describe procedures for periodic maintenance and determining         If the pit is lined give a brief description of the liner       Describe procedures for periodic maintenance and determining         It the pit is lined give a brief description of the liner       Describe procedures for periodic maintenance and determining         It is hinding Formation:       Type of not water well       text         Number of producing wells on lease:       Depth to shallowest fresh water       feet.         Source of information:       Type of material utilized in drilling/workover:       Number of workower and Haul-Off Pits Ohly:         Toroducing Formation:       Number o	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 sp         flow into the pit?	illed fluids to	Number of work Abandonment p Drill pits must b	e closed within 365 days of spud date.	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Dilling Pit       Drilling Pit         If Existing       SecTwpR	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 sp         flow into the pit?       Yes         No	illed fluids to	Number of work Abandonment p Drill pits must b	e closed within 365 days of spud date.	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         Workover Pit       Haul-Off Pit         Workover Pit       Haul-Off Pit         Workover Pit       Haul-Off Pit         Pit Located in a Sensitive Ground Water Area?       Yes         No       Chloride concentration:         (If WP Supply API No. or Year Drilled)       Artificial Liner?         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Pit dimensions (all but working pits):       Length (feet)         Woth (leet)       N/A: Steel Pits         Depth from ground level?       Vers         If the pit is lined give a brief description of the liner material, thickness and installation procedure.       Describe procedures for pariodic maintenance and determining liner integrity, including any special monitoring.         Distance to nearest water well within one-mile of pit:       Depth to shallowest fresh water feet. Source of information:	Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease:		Number of work	king pits to be utilized:	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Setting Pit       Drilling Pit         Haul-Off Pit       Pit capacity:         Pit capacity:       Feet from   North /   South Line of Section         Workover Pit       Haul-Off Pit         (If WP Supply API No. or Vear Drilled)       Pit capacity:         Pit capacity:       Feet from   East /   West Line of Section         (bbls)       County         Is the pit located in a Sensitive Ground Water Area?       Yes   No         Yes No       Chloride concentration::       mg/l         (For Emergency Pits and Setting Pits only)       Setting Pits only       mg/l         Is the bottom below ground level?       Artificial Liner?       How is the pit lined if a plastic liner is not used?         Pte dimensions (all but working pits):       Length (feet)       Width (feet)       N/A: Steel Pits         Depth from ground level to deepest point:       (feet)       No Pit       Pit dimensione and determining liner integrity, including any special monitoring.         Distance to nearest water well within one-mile of pit:       Depth to shallowest fresh water       feet.       Source of information:	Emergency, Settling and Burn Pits ONLY: Producing Formation:			-	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         West Vorkover Pit       Haul-Off Pit         Workover Pit       Haul-Off Pit         (If WP Supply API No. or Vear Drilled)       Pit capacity:         Pit capacity:	Emergency, Settling and Burn Pits ONLY:		Type of materia	l utilized in drilling/workover:	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         West Line of Section       North / South Line of Section         Workover Pit       Haul-Off Pit         If Existing, date constructed:       Feet from North / South Line of Section         Pit capacity:	-	1	Type of material utilized in drilling/workover:		
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Distance to nearest water well within one-mile of pit:       Pit scale	•	Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         If Existing, date constructed:       Feet from    North /    South Line of Section         Workover Pit       Haul-Off Pit         If Workover Pit       Haul-Off Pit         If Workover Pit       Haul-Off Pit         If West Durilled)       Pit capacity:         (If WP Supply API No. or Year Durilled)       Pit capacity:         (If WP Supply API No. or Year Durilled)       Country         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Chloride concentration:       mg/l         (For Emergency Pits and Settling Pits only)       Is the pit located in a Sensitive Ground Water Area?         Yes       No       Chloride concentration:       mg/l         (For Emergency Pits and Settling Pits only)       Must Setel Pits       N/A: Steel Pits         Dit dimensions (all but working pits):       Length (feet)       Width (feet)       N/A: Steel Pits         Depth from ground level to deepest point:       (feet)       No Pit       No Pit         If the pit is lined give a brief description	feet Depth of water wellfeet				
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Drilling Pit       Proposed         Kitting Pit       Drilling Pit         Workover Pit       Haul-Off Pit         If Existing, date constructed:       Feet from         No. or Year Drilled)       If Existing, date constructed:         Pit capacity:       Feet from         Lease In a Sensitive Ground Water Are?       Yes         Yes       No         Pit dimensions (all but working pits):       Artificial Liner?         Yes       No         Pit dimensions (all but working pits):       Length (feet)         Depth from ground level to deepest point:       (feet)         No Pit       No Pit	Distance to nearest water well within one-mile of pit:				
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         If Existing, date constructed:       Feet from North / South Line of Section         Workover Pit       Haul-Off Pit         Pit capacity:       Feet from East / West Line of Section         Pit capacity:       Country         Is the pit located in a Sensitive Ground Water Area?       Yes No         Pit dimensions (all but working pits):       Length (feet)       Woith (feet)         Pit dimensions (all but working pits):       Length (feet)       Width (feet)		er			
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Brorposed       Existing         Settling Pit       Drilling Pit         If Existing, date constructed:       Feet from North / South Line of Section         Workover Pit       Haul-Off Pit         Pit capacity:       Pit capacity:         (If WP Supply API No. or Year Drilled)       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         No       Artificial Liner?         Yes       No	Depth from ground level to deepest point: (feet)				
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Proposed       Existing         Settling Pit       Drilling Pit         If Existing, date constructed:       Feet from         Norkover Pit       Haul-Off Pit         Pit capacity:       No         Ubbls       Feet from         Is the pit located in a Sensitive Ground Water Area?       Yes         No       Chloride concentration:         Chloride concentration:       mg/lis only         Is the bottom below ground level?       Artificial Liner?	Pit dimensions (all but working pits):	Length (fee	t)	Width (feet)N/A: Steel Pits	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Proposed       Existing         Settling Pit       Drilling Pit         If Existing, date constructed:       Feet from         North / South Line of Section         Workover Pit       Haul-Off Pit         Pit capacity:       Pit capacity:         (If WP Supply API No. or Year Drilled)       Pit capacity:         Is the pit located in a Sensitive Ground Water Area?       Yes				How is the pit lined if a plastic liner is not used?	
Contact Person: Phone Number:   Lease Name & Well No.: Pit Location (QQQQ):   Type of Pit: Pit is:	Is the pit located in a Sensitive Ground Water Area? Yes No				
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Proposed       Existing         Settling Pit       Drilling Pit         If Existing, date constructed:	(ii wr Suppiy Ari iw. or teal Dillieu)		(bbls)	County	
Contact Person:     Phone Number:       Lease Name & Well No.:     Pit Location (QQQQ):       Type of Pit:     Pit is:		Pit capacity:		Feet from East / West Line of Section	
Contact Person:     Phone Number:       Lease Name & Well No.:     Pit Location (QQQQ):       Type of Pit:     Pit is:	Settling Pit Drilling Pit	If Existing, date constructed:		Feet from North / South Line of Section	
Contact Person:     Phone Number:       Lease Name & Well No.:     Pit Location (QQQQ):	Emergency Pit Burn Pit	Proposed Existing		SecTwpR East West	
Contact Person: Phone Number:	Type of Pit:	Pit is:			
			Pit Location (QQQQ):		
Operator Address:	Lease Name & Well No.:		Phone Number:		
Operator Name: License Number:	Contact Person:				

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 Kansas Corporation Commission

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

June 18, 2012

Mike Harmon Resource Operations, Inc. BOX 9487 TULSA, OK 74157-0487

Re: Drilling Pit Application S BAYER 3 Sec.29-19S-10W Rice County, Kansas

Dear Mike Harmon:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the Workover pit be lined. If a plastic liner is to be used it must have a minimum thickness of 10 mil. Integrity of the liner must be maintained at all times.

## NO completion fluids or non-exempt wastes shall be placed in the Workover pit.

The free fluids in the Workover pit should be removed within 2-3 days after drilling operations have ceased. 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 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.