KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

Form CDP-1 Form must be Typed

May 2010

1364173

APPLICATION FOR SURFACE PIT

Submit in Dunlicate

Operator Address: Contact Person: Phone Number: Lease Name & Well No: Pit Location (QOQQ): Type of Pit: Pit is: Baregency Pit Burn Pit Baregency Pit Burn Pit Well Notwer Pit Pau-Off Pit WF Stype/APM to ar two Dotted Pit Existing. Baregency Pit Hau-Off Pit WF Stype/APM to ar two Dotted Pit expacity: Pit depits Pit expacity: Baregency Pit Hau-Off Pit Pit depits Pit expacity: County Esten pit located in a Sensitive Ground Water Area? Yes No Chloride concentration: mg/l (Artificial Liner? How is the pit lined if a plastic liner is not used? Pit dimensions (all but working pits):	Operator Name:			License Number:	
Contact Person: Phone Number: Lease Name & Well No:: Pit Location (QOQQ): Type of Pit: Pit i:: Contact Person: Pit Location (QOQQ): Type of Pit: Pit I: Contact Person: Pit Location (QOQQ): Type of Pit: Pit I: Contact Person: Pit Location (POQQQ): Workover Pit Duiling Pit If Existing, date constructed: Feet from Cast / West Line of Section (Workover Pit I: Pit capacity: (Web Suppy AP) No. or Vara Dilexy (bbl) (bbl) Country (bbl) Country (bbl) Country (bbl) Country (bbl) Country (bbl) Country (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl) (bbl)					
Lease Name & Well No: Pit Location (QQQQ): Type of Pit: Pit as: Benegency Pit Burn Pit Workower Pit Haut-Off Pit Workower Pit Haut-Off Pit Pit capacity: Pit capacity: Pit capacity: Feet from East / West Line of Section Pit capacity: Pit capacity: Pit capacity: Feet from East / West Line of Section Is the pit located in a Sensitive Ground Water Area? Yes No Choirde concentration: mg/l Pit capacity: Length (feet) West No: Artificial Liner? How is the pit located in a Sensitive Ground Water Area? Yes No Pit dimensions (all but working pits): Length (feet) Width (feet) Distance to nearest water well within one-mile of pit: Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Producing Formation: Type of material utilized: Mumber of working pits to be utilized: Mumber of producing wells on lease: Number of working pits to be utilized: Abandonment procedure: Does the sige from the tank battery allow all spilled fluids to frow in the pit? Yes No Drilling.Workover : <				Phone Number:	
Type of Pit: Pit is: Secting Pit Distance to nearest water well within one-mile of pit: Secting Pit integrity, including pits, integrity, including pits of post-of-integrity, including pits, including pi					
Image: construction of the liner massured is shallowest fresh water indiging of the shallowest fresh water indiging of the shallowest fresh water is shall abor procedure. Image: construction of the shallowest fresh water is shall abor procedure. Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water indiging fresh water is not used? Image: construction is shall abor procedure. Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water indiging fres only? Image: construction is shall abor procedure. Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water indiging fresh water indiging fresh water indiging fresh water indiging intorinoring. If the pit is lined is a lastic liner is not used? Producing Formation: Weith free to water well within one-mile of pit: Depth to shallowest fresh water indiging into indiging workower: If the pit is lined give a brief description of the liner integrity. Including any special monitoring. Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water indiging workower: If the pit is lined give a brief description of the liner integrity. Including any special monitoring. Torducing Formation: Work well in drilling/workower: Mumber of working pits to be ulized: Image: massured in drilling/workower: Does the slope from the tank batery allow all spilled fluids to frow into the pit? Yes in O Drill pits must be closed within 365 days of spud date. </td <td colspan="3"></td> <td></td>					
Setting Pri Drilling Pri If Existing, date constructed:					
Workover Pit Haul-Off Pit If WP Suppy API No. or Year Drilled) Pit capacity:					
(I'WP Sigply API No. or Veer Onited) Pit capacity:		II ⊨XISTING, date constructed:		Feet from North / South Line of Section	
Is the pit located in a Sensitive Ground Water Area? Yes No Chloride concentration: mgrl Is the pit located in a Sensitive Ground Water Area? Yes No Chloride concentration: mgrl Is the bottom below ground level? Artificial Liner? How is the pit lined if a plastic liner is not used? Pit dimensions (all but working pits): Length (feet) Width (feet) N/A: Steel Pits Depth from ground level to deepest point: (feet) 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: Depth to shallowest fresh water feet. Source of information:				Feet from East / West Line of Section	
Image: control level? Artificial Liner? How is the pit lined if a plastic liner is not used? Image: control level Image: control level How is the pit lined if a plastic liner is not used? Pit dimensions (all but working pits): Length (feet) NA: Steel Pits Depth from ground level to deepest point: Image: control level to deepest point: NA: Steel Pits If the pit is lined give a brief description of the liner material, thickness and installation procedure. Deepth form ground level to deepest point: No Distance to nearest water well within one-mile of pit: Source of information: Geepth to shallowest fresh water feet. Source of information: measured well owner electric log KDWR Producing Formation: Mumber of water well within one-mile of pit: Dilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Mumber of working pits to be utilized: Number of producing wells on lease: Number of working pits to be utilized: Abandonment procedure: Abandonment procedure: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must be closed within 365 days of spud date. Submitted Electronically Liner Steel Pit RFAS </td <td></td> <td></td> <td>(bbls)</td> <td>County</td>			(bbls)	County	
Yes No Pit dimensions (all but working pits): Length (feet) Depth from ground level to deepest point: (feet) 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: Depth to shallowest fresh water feet. Source of information: feet Depth of water wellfeet Producing Formation: Type of material utilized in drilling/workover: Number of producing wells on lease: Number of working pits to be utilized: Abandonment procedure: Dirill pits must be closed within 365 days of spud date. Submitted Electronically	Is the pit located in a Sensitive Ground Water Area? Yes No		No	0	
Depth from ground level to deepest point:				How is the pit lined if a plastic liner is not used?	
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: Depth to shallowest fresh water feet. Source of information: feet Depth of water wellfeet Depth of water well feet. feet Depth of water wellfeet Drilling, Workover and Haul-Off Pits ONLY: Producing Formation:	Pit dimensions (all but working pits):Length (feet)		Width (feet)N/A: Steel Pits		
material, thickness and installation procedure. 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: feet Depth of water wellfeet measured well owner electric log KDWR Emergency, Settling and Burn Pits ONLY: Drilling, Workover and Haul-Off Pits ONLY: Producing Formation: Type of material utilized in drilling/workover: Number of producing wells on lease: Number of working pits to be utilized: Abandonment procedure: Abandonment procedure: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Submitted Electronically Drill pits must be closed within 365 days of spud date.	Depth from ground level to deepest point: (feet) No Pit				
Source of information: feet Depth of water well feet measured well owner electric log KDWR Producing and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Number of produced daily: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must be closed within 365 days of spud date. KCC OFFICE USE ONLY Liner Steel Pit RFAS					
Emergency, Settling and Burn Pits ONLY: Producing Formation: Mumber 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? Yes No KCC OFFICE USE ONLY Liner Steel Pit RFAS	Distance to nearest water well within one-mile of pit:				
Producing Formation: Type of material utilized in drilling/workover: Number of producing wells on lease: Number of working pits to be utilized: Barrels of fluid produced daily: Abandonment procedure: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must be closed within 365 days of spud date.	feet Depth of water wellfeet		measured well owner electric log KDWR		
Number of producing wells on lease:	Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:		
Barrels of fluid produced daily: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must be closed within 365 days of spud date. Submitted Electronically KCC OFFICE USE ONLY Liner Steel Pit	Producing Formation:		Type of material utilized in drilling/workover:		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Drill pits must be closed within 365 days of spud date. Submitted Electronically KCC OFFICE USE ONLY Liner Steel Pit RFAS	Number of producing wells on lease:		Number of working pits to be utilized:		
flow into the pit? Yes Drill pits must be closed within 365 days of spud date. Submitted Electronically KCC OFFICE USE ONLY Liner Steel Pit RFAS			Abandonment procedure:		
Submitted Electronically KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS			Drill pits must be closed within 365 days of spud date.		
Liner Steel Pit RFAC RFAS					
Date Received: Permit Number: Permit Date: Lease Inspection: Yes No					
	Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No	

PERMIT EXPIRES : 12/21/2017

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner Sam Brownback, Governor

August 23, 2017

Mitch Driscoll H & D Exploration LLC 165 WEST 1ST PO BOX 387 HOISINGTON, KS 67544

Re: Workover Pit Application HERRMAN 2 Sec.08-19S-13W Barton County, Kansas

Dear Mitch Driscoll:

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 as soon as practical after drilling operations have ceased. The fluids should be taken to an authorized disposal well. Please call the District Office at (785) 261-6250 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 (785) 261-6250.