# For KCC Use: Effective Date: 3-10-2009 District # 2 SCA2 Vives No.

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 October 2007 Form must be Typed Form must be Signed All blanks must be Filled

### NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date: March 6, 2009	
month day year	Spot Description:SW Sec. 26 Twp. 23 S. R. 4 TE XW
4252	
OPERATOR: License# 4232	480 feet from N / X S Line of Section
Name: Kahan & Associates, Inc.	teet from LE / W Line of Section
Address 1: P.O. Box 700780	ls SECTION: Regular Irregular?
Address 2:	- (Note: Locate well on the Section Plat on reverse side)
City: State: OK Zip: 74170 + 0 7 8	Pana
Contact Person: David M. Wilson	County:
Phone: (918) 492-9797	Lease Name:
ritorie.	Field Name:Burrton
CONTRACTOR: License#33350	ls this a Prorated / Spaced Field?
Name:Southwind Drilling, Inc.	- Target Formation(s): Hunton
	Nearest Lease or unit boundary line (in footage):
Well Drilled For: Well Class: Type Equipment:	4470
⊠Oil ☐ Enh Rec ☑ Infield ☑ Mud Rotary	Ground Surface Elevation.
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ; # of Holes Other	Depth to bottom of fresh water:240'
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: XI III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	- 4
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	_ Formation at Total Depth:
<u> </u>	Water Source for Drilling Operations:
Pirectional, Deviated or Horizontal wellbore?	Well X Farm Pond Other:
Milectionial, Deviated of Horizonial Melibore:	
f Yes, true vertical depth:	— DWR Permit #:
f Yes, true vertical depth:	DWR Permit #:
f Yes, true vertical depth:	DWR Permit #:
f Yes, true vertical depth:	DWR Permit #:
onductor Pipe Required; minimum 2"diam	DWR Permit #:
of Yes, true vertical depth:  Bottom Hole Location:  KCC DKT #:  Conductor Pipe Required; minimum R'diane  Al	DWR Permit #:  (Note: Apply for Permit with DWR  Will Cores be taken?  Yes No  etc. If Yes, proposed zone:  (ANSAS CORPORATION COMMISS
f yes, true vertical depth:  Bottom Hole Location:  CCC DKT #:  Conductor Pipe Required; minimum R"diam  Al	DWR Permit #:  (Note: Apply for Permit with DWR  Will Cores be taken?  Yes No  ANSAS CORPORATION COMMISS  Dolugging of this well will comply with K.S.A. 55 et. seq.
Yes, true vertical depth:  Sottom Hole Location:  CCC DKT #:  Conductor Pipe Required; minimum 12" diam  Al  The undersigned hereby affirms that the drilling, completion and eventual pages.	DWR Permit #:
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Tyes, true vertical depth:  Sottom Hole Location:  CCC DKT #:  Conductor Pipe Required; Minimum R'diam  The undersigned hereby affirms that the drilling, completion and eventual in the agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on eason through all unconsolidated materials plus a minimum of 20 feet into the district office will be notified before well is either plu formulated. If the well is dry hole, an agreement between the operator and the district office will be notified before well is either plu formulated. It completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and correct to the complete of the spud date or the well shall thereby certify that the statements made herein are true and correct to the content of the content of the spud date or the well shall the spud certify that the statements made herein are true and correct to the content of the conductor pipe required Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - 155 - 21546 - 00 - 00  Conductor pipe required Signature of Operator or Agent:  Minimum surface pipe required feet per ALT. In feet purposed by Pub 3 - 5 - 2009	Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Wansas Corporation Commission of this well will comply with K.S.A. 55 et. seq.  MAR 0 2 2009  The drilling rig;  The underlying formation.  In the underlying formation of the set of the underlying is commented in;  In the underlying formation.  In the underlying formation of the set of the underlying is underlying to the set of the underlying formation orders;  In the underlying formation of the set of the underlying is underlying in the underlying is underlying in the underlying in the underlying is underlying in the underlying i
Free true vertical depth:  Sottom Hole Location:  CCC DKT #:  Conductor Pipe Required; minimum R'diam  The undersigned hereby affirms that the drilling, completion and eventual parties agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on eason through all unconsolidated materials plus a minimum of 20 feet into the statement between the operator and the dots. The appropriate district office will be notified before well is either plus of pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and correct to the conductor pipe required Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - 155-21546-00-00  Conductor pipe required Feet per ALT Figure 1.	Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Wansas Corporation Commission of this well will comply with K.S.A. 55 et. seq.  MAR 0 2 2009  The drilling rig;  PECEIVED  The underlying formation.  Sistrict office on plug length and placement is necessary prior to plugging;  gged or production casing is cemented in;  sted from below any usable water to surface within 120 DAYS of spud date.  #133,891-C, which applies to the KCC District 3 area, afternate II cementing the plugged. In all cases, NOTIFY district office prior to any cementing.  Title:  Chief Operating Officer  Remember to:  File Drill Pit Application (form CDP-1) with Intent to Drill;  File acreage attribution plat according to field proration orders;  Notify appropriate district office 48 hours prior to workover or re-entry;  Submit plugging report (CP-4) after plugging is completed (within 60 days);  Obtain written approval before disposing or injecting salt water.  If this permit has expired (See: authorized expiration date) please
Free, true vertical depth:  Sottom Hole Location:  CCC DKT #:  CONDUCTOR Pipe Required; minimum R'diant  The undersigned hereby affirms that the drilling, completion and eventual parties agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on eason through all unconsolidated materials plus a minimum of 20 feet into the statement between the operator and the dotoes. The appropriate district office will be notified before well is either plus for pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall hereby certify that the statements made herein are true and correct to the conductor pipe required Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - 155-21546-00-00  Conductor pipe required Reproved by PAR 3-5209  Feet per ALT II Feet Part II	Will Cores be taken?  Wansas Corporation (OMMISS Corporation)  War 0 2 2009  RECEIVED
All Yes, true vertical depth:  Bottom Hole Location:  CCC DKT #:  Conductor Pipe Required; Minimum R'diam  The undersigned hereby affirms that the drilling, completion and eventual plants agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on east through all unconsolidated materials plus a minimum of 20 feet into  4. If the well is dry hole, an agreement between the operator and the district office will be notified before well is either plue.  5. The appropriate district office will be notified before well is either plue.  6. If an ALTERNATE II COMPLETION, production pipe shall be cemen Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be reby certify that the statements made herein are true and correct to be completed.  Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - 155-21546-00-00  Conductor pipe required 200 of 12" or freet  Minimum surface pipe required 200 of 12" or freet  Minimum surface pipe required 200 of 12" or freet  Approved by MA 3-5-2009  This authorization expires: 3-5-2010	Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  WANSAS CORPORATION COMMISS  Control of this well will comply with K.S.A. 55 et. seq.  WAR 0 2 2009  Control drilling rig;  War of 2 2009  Control drilling rig;  Control drilling rig;  War of 2 2009  Control drilling rig;  Control drilling rig;  War of 2 2009  Control drilling rig;  Control drilling rig;  Control drilling rig;  Control drilling rig;  War of 2 2009  Control drilling rig;  Control dr
The undersigned hereby affirms that the drilling, completion and eventual is agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on east through all unconsolidated materials plus a minimum of 20 feet into  4. If the well is dry hole, an agreement between the operator and the district office will be notified before well is either plue.  5. The appropriate district office will be notified before well is either plue.  6. If an ALTERNATE II COMPLETION, production pipe shall be cement or pursuant to Appendix "B". Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and correct to the complete statements and the complete of the complete of the spud date of the well shall the statements and the complete of the complete of the complete of the spud date of the well shall the spud certify that the statements made herein are true and correct to the complete of t	Will Cores be taken?  Wansascorporation commission of this well will comply with K.S.A. 55 et. seq.  War 0 2 2009  RECEIVED  The underlying formation.  It is the underlying formation.  Startic office on plug length and placement is necessary prior to plugging; geged or production casing is cemented in; ted from below any usable water to surface within 120 DAYS of spud date.  #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing.  Be best of my knowledge and belief.  Chief Operating Officer  Title:  Remember to:  File Completion Form ACO-1 within 120 days of spud date;  File acreage attribution plat according to field proration orders;  Notify appropriate district office 48 hours prior to workover or re-entry;  Submit plugging report (CP-4) after plugging is completed (within 60 days);  Obtain written approval before disposing or injecting salt water.  If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.
All Yes, true vertical depth:  Bottom Hole Location:  CCC DKT #:  Conductor Pipe Required; Minimum R'diam  The undersigned hereby affirms that the drilling, completion and eventual plants agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well;  2. A copy of the approved notice of intent to drill shall be posted on east through all unconsolidated materials plus a minimum of 20 feet into  4. If the well is dry hole, an agreement between the operator and the district office will be notified before well is either plue.  5. The appropriate district office will be notified before well is either plue.  6. If an ALTERNATE II COMPLETION, production pipe shall be cemen Or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be reby certify that the statements made herein are true and correct to be completed.  Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - 155-21546-00-00  Conductor pipe required 200 of 12" or freet  Minimum surface pipe required 200 of 12" or freet  Minimum surface pipe required 200 of 12" or freet  Approved by MA 3-5-2009  This authorization expires: 3-5-2010	Will Cores be taken?  Was SCORPORATION COMMIS  CANSAS CORPORATION COMMIS  Was D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  Condition of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  RECEIVED  RECEIVED  The set of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  The set of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  RECEIVED  The set of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  MAR D 2 2009  RECEIVED  The set of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  The set of this well will comply with K.S.A. 55 et. seq.  MAR D 2 2009  RECEIVED  MAR D 2 2009  MAR D 2 2009  MAR D 2 2009  MAR D 2 2009  RECEIVE D  MAR D 2 2009  MAR D 2 2009  RECEIVE D  MAR D 2 2009  MAR D 2 2009  MAR D 2 2009  MAR D 2 2009  RECEIVE D  MAR D 2 2009  MAR D 2 2

#### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

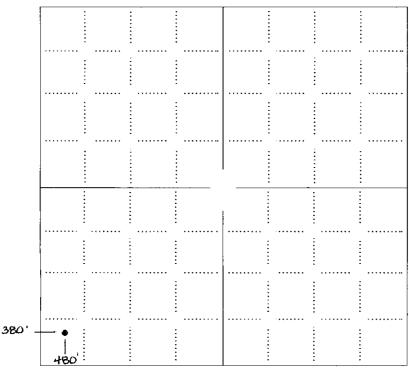
Plat of acreage attributable to a well in a prorated or spaced field

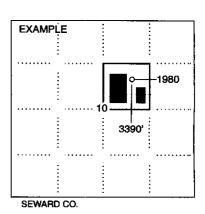
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 2	55-21546-00-00					
Operator:	Kahan & Associates, Inc.	Location of Well: County:		Reno		
Lease:	Goering 'A'	480		feet from	าท / 🖾 ธา	Line of Section
Well Number:	13	380		feet from	E/XW	Line of Section
Field:	Burrton	Sec. 26	Twp. 23	S. R. 4	<b></b>	⊠ w
	attributable to well:	Is Section:	Regular or	irregular		
		If Section Is Section corne	Irregular, locate er used: NE		arest comer bo SE SW	oundary.

#### **PLAT**

(Show location of the well and shade attributable acreage for prorated or spaced wells.)
(Show footage to the nearest lease or unit boundary line.)





NOTE: In all cases locate the spot of the proposed drilling locaton.

#### In plotting the proposed location of the well, you must show:

- 1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
- 2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name: Kahan & Associates, Inc.			License Number: 4252				
Operator Address: P.O. Box 700780			Tulsa <b>OK</b> 74170				
Contact Person: David M. Wilson			Phone Number: (918) 492-9797				
Lease Name & Well No.: Goering	'A' #13	Pit Location (QQQQ):					
Type of Pit:	Pit is:		<u> </u>				
Emergency Pit Burn Pit	Proposed Existing		Sec. 26 Twp. 23 R. 4 East West				
Settling Pit	If Existing, date constructed:		Feet from North / South Line of Section				
Workover Pit Haul-Off Pit	Pit capacity:		380 Feet from East / West Line of Section				
(If WP Supply API No. or Year Drilled)	5,000	(bbls)	Reno County				
Is the pit located in a Sensitive Ground Water	Area? Yes	 ]No	Chloride concentration:mg/l				
			(For Emergency Pits and Settling Pits only)				
Is the bottom below ground level?  Yes No	Artificial Liner? Yes No		How is the pit lined if a plastic liner is not used?				
Pit dimensions (all but working pits):	<sup>75</sup> Length (fe	eet)75	Width (feet) N/A: Steel Pits				
Depth from ground level to deepest point: 5 (feet) No Pit							
If the pit is lined give a brief description of the liner Describe proc			dures for periodic maintenance and determining				
material, thickness and installation procedure.		liner integrity, including any special monitoring.  Constant level monitoring and area monitoring for leaks					
Constant			ever monitoring and area monitoring for leaks				
Distance to nearest water well within one-mile of pit Depth to shall		, .	west fresh water <u>50</u> feet.				
		Source of information:  measured well owner electric log KDWR					
			ing, Workover and Haul-Off Pits ONLY:				
		Type of materia	e of material utilized in drilling/workover: Fresh Bentonite Mud				
· · · · · · · · · · · · · · · · · · ·		Number of wor	ber of working pits to be utilized:3				
			Abandonment procedure: Desiccate and bury				
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.					
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  KANSAS CORPORATION COMMISS							
MAR 0 2 2009							
02/25/09		/ner/	DEACHED DEACHED				
Date		S	ignature of Applicant or Agent RECEIVED				
KCC OFFICE USE ONLY Steel Pit RFAC RFAS							
Date Received: 3/2/09 Permit Num	ber:	Permi	it Date: 3/4/69 Lease Inspection: 🔀 Yes No				

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

### **APPLICATION FOR SURFACE PIT (FORM CDP-1)**

Instructions

#### General instructions.

- All Notices of Intent to Drill must include an Application for Surface Pit, even if steel pits will be used.
- 2. Operators need to submit two copies of all CDP-1s.
- 3. Form must be typed.

#### Section 1: Operator Information.

- Operator Name. Enter the operator's full name as it appears on operator's license.
- License Number. Enter the operator's license number. To verify KCC operator license information check the Commission's website at <a href="http://www.kcc.state.ks.us/conservation/oil-license.cg">http://www.kcc.state.ks.us/conservation/oil-license.cg</a> or contact the Conservation Division's Licensing Department at (316) 337-6194.
- Operator Address. Enter the operator's mailing address.
- 1d. Contact Person. Enter the name of the individual who will be the operator's contact person for this Application for Surface Pit, should Conservation Division Staff need to contact the operator about the Application for Surface Pit. The contact person may be the operator or the operator's agent.
- Phone Number. Enter the phone number of the contact person, so that Conservation Division Staff may easily reach the contact person if necessary.

#### Section 2: Lease/Well/Pit Information.

- Lease Name & Welt No. Enter the name of the lease, and if applicable the well number, at which the pit is or will be located.
- 2b. Type of Pit. Mark the appropriate box to indicate the type of pit. Note—if the pit is a workover pit, the operator must enter the API No. or Year Drilled of the well which is to be worked over.
- Proposed or Existing Pit. Operator should mark the appropriate box to indicate if the pit is proposed or already exists.
  - Existing Pits. The operator should provide the date pit was constructed.
  - Proposed and Existing Pits. The operator must provide the pit capacity.

#### 2d. Pit Location.

- 2d(1). ¼ ¼ ¼ ¼ Section. The operator should list the location of the pit by ¼ ¼ ¼ ¼ Section.
- 2d(2). Sec., Twp., and R. The operator should enter the Section, Township and Range Number in which the pit is located, and should mark either the "East" or "West" box to indicate if the Range # is East or West.
- 2d(3). Footage Location. This is where the operator reports the location of the pit from the North or South section line and the East or West section line. Enter in the blank provide the number of feet the pit is or will be from the North or South section line and then mark the appropriate box for the measurement to indicate if the footage is from the North or South section line. Follow the same procedure with respect to the location of the pit from the East or West section line.
- County. Enter the county in which the pit is or will be located.
- 2e. Sensitive Groundwater Area. Mark the appropriate box as to whether or not the pit is located in a Sensitive Groundwater Area. Operators may find a listing of Sensitive Groundwater Areas in Table III of the Conservation Division's Rules and Regulations. The Commission's rules and regulations for the conservation of oil and gas, including Table III, are available in an Adobe pdf file from the Conservation Division's website at <a href="http://www.kcc.state.ks.us/conservation/index.htm">http://www.kcc.state.ks.us/conservation/index.htm</a>.
- 2f. Chloride Concentration (for emergency and settling pits only). Indicate the chloride concentration level of fluids which the pit is or will be used to contain. A sample should be taken from the salt water tank. This information is needed to determine the potential for contamination should the salt water tank discharge into the emergency pit.

- Below Ground Level. Mark the appropriate box to indicate whether the bottom of the pit is below ground level.
- Artificial Liner. Mark the appropriate box to indicate whether the pit is or will be constructed with an artificial liner.
- Other Liner. Explain how the pit is constructed if a plastic liner is not used.
- 2j. Plt Dimensions (all but working plts). For all but steel pits, enter the length, width, and depth (from ground level to the deepest point) in feet of the pit. If the pit is a steel pit, the operator only needs to mark the "steel pits" blank.

#### Section 3: Description of Liner.

If the pit is lined, enter a brief description of the liner material, thickness, and installation procedure.

#### Section 4: Description of Maintenance.

Enter a brief description of the procedures used for periodic maintenance and determining liner integrity, including any special monitoring.

#### Section 5: Distance to Nearest Water Well Within One Mile of Pit.

Enter the distance to the nearest water well within one mile of the pit location and the total depth of the water well. If there are not any water wells within a one-mile radius of the pit location, the space should be left blank. Water well information is available from the Kansas Geological Survey's website, at <a href="http://www.kgs.ku.edu/Magellan/WaterWell/index.html">http://www.kgs.ku.edu/Magellan/WaterWell/index.html</a>.

#### Section 6: Shallowest Freshwater Depth.

Enter the depth to the shallowest fresh water in the area of the pit and mark the appropriate box as the source of the freshwater information.

#### Section 7: Emergency, Settling, and Burn Pits ONLY.

Enter the formation from which wells on the lease are producing, the number of producing wells on the lease, and the number of barrels of fluids produced daily on the lease. The operator should also mark the appropriate box to indicate if the slope of the tank battery allows all spilled fluids to flow in the pit.

#### Section 8: Drilling, Workover, and Haul-Off Pits ONLY.

Enter the type of material utilized in the drilling or workover of the well, the number of working pits to be utilized, and the procedure to be used for abandoning the pits after work at the well is complete.

#### Section 9: Affidavit.

Date and sign the certification that the above statements are true and correct to the best of the signee's knowledge and belief.



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

March 4, 2009

Kahan & Associates, Inc. PO Box 700780 Tulsa, OK 74170-0780

Re:

**Drilling Pit Application** 

Goering A Lease Well No. 13 SW/4 Sec. 26-23S-04W Reno County, Kansas

Dear Sir or Madam:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 72 hours after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

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 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: <a href="https://www.kcc.state.ks.us/conservation/forms">www.kcc.state.ks.us/conservation/forms</a>.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,

Kathy Haynes

**Environmental Protection and Remediation Department** 

cc: File