# For KCC Use: Effective Date: District # 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:	ovember 26	<b>200</b> 7 year	Spot Description: 230' North of  NW SW NW Sec. 17 Twp. 19 S	. R. ¹0
OPERATOR: License#	08 /		(0/0/0/0) 1,420 feet from N	
Name: K & N Petroleum, Inc.			Is SECTION: Regular Irregular?	<u> </u>
Address 1: 1105 Walnut Address 2:			(Note: Locate well on the Section Plat on re	verse side)
City: Great Bend	State: KS Zip:	67530 +	County: Rice	
Contact Person: Ed Nemnich			Lease Name: Musenberg	Well #: <sup>5</sup>
Phone: 620-793-4023	/		Field Name: Chase Silica	
CONTRACTOR: License#3335	o ´ .		Is this a Prorated / Spaced Field?	Yes No
Name: Southwind Drilling, Inc.			Target Formation(s): Arbuckle	
Well Dri <u>l</u> led For:	Well Class: 7	Type Equipment:	Nearest Lease or unit boundary line (in footage): 330'	
	⊠infield [	X Mud Rotary	Ground Surface Elevation: est 1725	feet MSL
XIOil Enh Rec Gas Storage	Pool Ext.	Air Rotary	Water well within one-quarter mile:	Yes X No
Disposal	Wildcat	Cable	Public water supply well within one mile:	Yes X No
Seismic : # of Holes	Other		Depth to bottom of fresh water: 175	
Other:			Depth to bottom of usable water:  Surface Pipe by Alternate:	**************************************
If OWWO: old well inform	ation as follows:		Length of Surface Pipe Planned to be set: 250'	
II OVVVC. OIG Well lillionti	allori do lonovo.		Length of Conductor Pipe (if any): None	
Operator:			Projected Total Depth: 3350'	
Well Name:	Original T	otal Depth:	Formation at Total Depth: Arbuckle	
Original Completion Date:	_ Original ii	olal Deptil.	Water Source for Drilling Operations:	
Directional, Deviated or Horizonta	l wellbore?	Yes X No	Well Farm Pond Other:	
If Yes, true vertical depth:			DWR Permit #: Contractor will apply for permit	
Bottom Hole Location:			( <b>Note:</b> Apply for Permit with DWR	
KCC DKT #:			Will Cores be taken?	Yes X No
			If Yes, proposed zone:	
		AFF	ID AVIT	RECEIVED
	- 41 - 4 41 - 4 delline e e e e	AFT	IDAVIT gging of this well will comply with K.S.A. 55 et. sed(ANSA	S CORPORATION COMMISSIO
The undersigned nereby affirms	s that the uniting, cor	npiellon and evenidal pidg	igning of this well will comply with the street of our dogs.	
It is agreed that the following m				NOV 0 1 2007
Notify the appropriate dis     A copy of the approved n	otice of intent to drill	I <b>shall be</b> posted on each	drilling rig; y circulating cement to the top; in all cases surface pipe.	
through all unconsolidate	d materials plus a m	sinimum of 20 feet into the	underlying formation.	With MILES, NO
4 If the well is dry hole, an	agreement between	the operator and the distri	ict office on plug length and placement is necessary <b>pri</b> c	or to plugging;
5. The appropriate district of	office will be notified	before well is either plugge	ed or production casing is cemented in; from below any usable water to surface within 120 DAY	S of spuri date
6. If an ALIERNALE II CON Or pursuant to Appendix	/IPLE HON, producti "B" - Fastern Kansa	on pipe snail be cemented is surface casing order #13	33,891-C, which applies to the KCC District 3 area, altern	nate II cementing
must be completed within	n 30 days of the spu	d date or the well shall be	plugged. In all cases, NOTIFY district office prior to a	ny cementing.
I hereby certify that the stateme				
40/00/07		Ond. A	Agent	
Date: 10/30/0/	Signature of Operate	or or Agent:	Title:	
			Remember to:	17
For KCC Use ONLY	~~~~	_	- File Drill Pit Application (form CDP-1) with Intent to Di	
API # 15 - 159 - 22	555-000	•	<ul> <li>File Completion Form ACO-1 within 120 days of spud</li> <li>File acreage attribution plat according to field proratio</li> </ul>	
Conductor pipe required	None. 250	feet	Notify appropriate district office 48 hours prior to work	
Minimum surface pipe required		feet per ALT.	<ul> <li>Submit plugging report (CP-4) after plugging is compl</li> </ul>	leted (within 60 days);
Approved by: full 11-27	-07		Obtain written approval before disposing or injecting s	
This authorization expires:	11-27-08		<ul> <li>If this permit has expired (See: authorized expiration of check the box below and return to the address below.</li> </ul>	pate) please
(This authorization void if drilling		nonths of approval date.)	Well Not Drilled - Permit Expired Date:	
			Signature of Operator or Agent:	
Spud date:	Agent:			······································

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

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

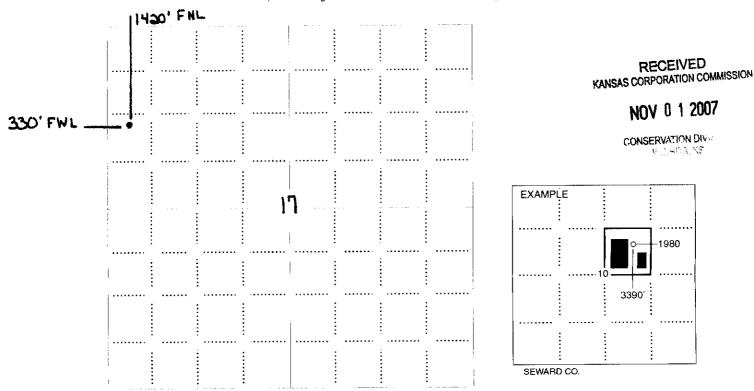
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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 - 159-225550000				
Operator: K & N Petroleum, Inc.	Location of Well: County: Rice			
Lease: Musenberg	1,420 feet from N / S Line of Section			
Well Number:	330 feet from E / W Line of Section			
Field: Chase Silica	Sec. 17 Twp. 19 S. R. 10 E 🔀 W			
Number of Acres attributable to well:	Is Section: Regular or Irregular			
QTR/QTR/QTR of acreage: - NW - SW - NW				
	If Section is irregular, locate well from nearest corner boundary.  Section corner used: NE NW SE SW			

#### **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).
- 4. 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

Contact Person: Ed Nemnich  Lease Name & Well No: Musenberg  Type of Pit    Emergency Pit   Burn Pit   Proposed   Existing   Heavising   H	Operator Name: I/ P N Datraioum Inc		License Number: 3208				
Contact Person: Ed Nemnich	Operator Name: K & N Petroleum, Inc	•		7500			
Lease Name & Well No: Musenberg 5  Type of Pit:    Describing Pit   Durilling Pit   Pit is:   Proposed   Existing   Section (QCQQ): 230'N NW SW NW   Sw. NW     Section Pit   Durilling Pit   Pit is:   Proposed   Existing   Section (QCQQ): 230'N NW SW. NW   Sw. NW				5/530			
Type of Pit:    General Setting Pit   Burn Pit   Setting Pit   Setting Pit   Pit is:   Proposed   Existing   Setting Pit   Dufilling Pit   Pit capacity:   4,500   Setting Pit   4,500   Setting Pit   4,500   Setting Pit   4,500   Setting Pit   4,500   Setting Pit Capacity:   5,500   Setting Pit Capacity:   5,500   Setting Pit Capacity:   6,500   Set	Contact Person: Ed Nemnich		Phone Number: 620-793-4023				
Emergency Pit	Lease Name & Well No.: Musenberg	5	Pit Location (QQQQ):				
Settling Pit	Type of Pit:	Pit is:	<del>- "</del>	230'N NW SW NW			
Workover Pit	Emergency Pit Burn Pit Proposed Existing			Sec. 17 Twp. 19 R. 10 East W	est		
Pit capacity: 4,500   Rice   County	Settling Pit Drilling Pit	If Existing, date co	onstructed:	1,420 Feet from North / South Line of	Section		
Steel Pits   Supply API No or Year Drilled	☐ Workover Pit ☐ Haul-Off Pit	Pit capacity:	<del></del>		Section		
Section   Pits and Setting Pits only   Steel Pits   No   Earthen clay/drilling mud	(If WP Supply API No. or Year Drilled)		(bbls)	Rice	. 1		
Section   Pits and Setting Pits only   Steel Pits   No   Earthen clay/drilling mud	le the nit located in a Sansitive Ground Water	Area? Tyes V					
Pit dimensions (all but working pits):  80	13 the pit tocated in a defibilitye Ground water				_ ···ə/·		
Pit dimensions (all but working pits): 80 Length (feet) 80 Width (feet) N/A: Steel Pits Depth from ground level to deepest point: 4 (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.  Depth to shallowest fresh water 12 feet. Source of information:			Ná				
Depth from ground level to deepest point: 4 (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.  Depth to shallowest fresh water 12 feet.  Source of information: detectic log NoWR  Depth to shallowest fresh water 12 feet.  Source of information: detectic log NoWR  Drilling, Workover and Haul-Off Pits ONLY:  Type of material utilized in drilling/workover. Chemical drilling mud  Number of producing wells on lease: Number of working pits to be utilized: 3  Abandonment procedure: Allow fluid to evaporate, refill with excavated dirt  Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No  I hereby certify that the above statements are true and correct to the best of my knowledge and belier.  NOV 0 1 2007  NOV 0 1 2007  KCC OFFICE USE ONLY Steel Pit RFAC RFAS K				Earthen clay/drilling mud			
Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.  Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.  Depth to shallowest fresh water12	Pit dimensions (all but working pits):8	BO Length (fe	eet)80	Width (feet) N/A: Steel Pit	s		
Distance to nearest water well within one-mile of pit    1550	Depth fr	om ground level to de	epest point:	4 (feet) No Pit			
Distance to nearest water well within one-mile of pit    1550   feet   Depth of water well   75   feet   Depth of water well   75   feet   Drilling, Workover and Haul-Off Pits ONLY:   Producing Formation:			·				
Source of information:    To be	material, informess and installation procedure	•	inioi intogrity, ,	istaning any operation on ig.			
Source of information:    To be	P						
Source of information:    Source of information:   Source of information:   Source of information:   Source of information:   Well owner   Source of information:   Source of information:   Source of information:   Well owner   Source of information:   Source of information:   Well owner   Source of information:   Source of information:   Well owner   Security Source of information in the part of information on the part of information on the pill informat							
Source of information:    To be	Distance to pearest water well within one mile	of nit	Denth to shallo	west fresh water 12 feet			
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?  I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  Nov 0 1 2007    Nov 0 1 2007		·	Source of information:				
Type of material utilized in drilling/workover:  Chemical drilling mud  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?  I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  Nov 0 1 2007  Signature of Applicant or Agent  KCC OFFICE USE ONLY  Type of material utilized in drilling/workover:  Chemical drilling mud  3  Abandonment procedure: Allow fluid to evaporate, refill with excavated dirt  Drill pits must be closed within 365 days of spud date.  RECEIVED  KANSAS CORPORATION COMMISS  NOV 0 1 2007  Signature of Applicant or Agent  REAC X REAS X	1550 feet Depth of water well	75 feet	measured well owner electric log KDWR				
Number of producing wells on lease:    Barrels of fluid produced daily:	Emergency, Settling and Burn Pits ONLY:		<u> </u>				
Barrels of fluid produced daily:  Does the slope from the tank battery allow all spilled fluids to flow into the pit?  I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  NOV 0 1 2007  Date    NOV 0 1 2007	Producing Formation: Type			3			
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No    I hereby certify that the above statements are true and correct to the best of my knowledge and belief.   NOV 0 1 2007	Number of producing wells on lease:		Number of working pits to be utilized.				
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.  NOV 0 1 2007    Date   Signature of Applicant or Agent   CONSERVATION DIVISION	Barrels of fluid produced daily:		Abandonment procedure: Allow fluid to evaporate, refill with excavated dirt				
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  NOV 0 1 2007    NOV 0 1 2007		spilled fluids to					
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  NOV 0 1 2007    NOV 0 1 2007		<u></u> .	·	RECEIVE	ED .		
Date  Signature of Applicant or Agent  CONSERVATION DIVISION  REAC X REAS X	I hereby certify that the above state	ements are true and o	correct to the bes				
Date  Signature of Applicant or Agent  CONSERVATION DIVISION  REAC X REAS X		(	ا میم ۵	NOV 0 1 2	007		
KCC OFFICE USE ONLY  Steel Pit RFAC RFAS R			JOM F				
				IN THE STATE OF TH	¢		
Date Received: 11/1 (07 Permit Number: Permit Date: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		KCC (	OFFICE USE O	NLY Steel Pit ☐ RFAC ☑ RFAS ☐	X		
	Date Received: [1] t (07 Permit Num	nber:	Perm	it Date: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	No		



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

November 26, 2007

Mr. Ed Nemnich K & N Petroleum, Inc. 1105 Walnut Great Bend, KS 67530

Re:

**Drilling Pit Application** 

Musenberg Lease Well No. 5 NW/4 Sec. 17-19S-10W Rice County, Kansas

Dear Mr. Nemnich:

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: www.kcc.state.ks.us/conservation/forms.

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