For KCC Use:

Eff	e	ct	iv	е	Date

District	#	

SGA?	Yes	No

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

March 2010 Form must be Typed Form must be Signed All blanks must be Filled

Form C-1

1087348

# NOTICE OF INTENT TO DRILL

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

Form KSONA-1, Certification of Com	pliance with	the Kansas	Surface Own	ner Notification Act, M	JST be submitted with this form

Expected Spud Date:	Spot Description:
OPERATOR: License#	Sec Twp S. R E □ W feet from □ N / □ S Line of Section
Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	( <b>Note:</b> Locate well on the Section Plat on reverse side)
City:          State:          Zip:            Contact Person:	County:
Phone:	Lease Name: Well #:
CONTRACTOR: License# Name:	Field Name:
Well Drilled For:       Well Class:       Type Equipment:         Oil       Enh Rec       Infield       Mud Rotary         Gas       Storage       Pool Ext.       Air Rotary         Disposal       Wildcat       Cable         Seismic ;       # of Holes       Other         Other:	Nearest Lease or unit boundary line (in footage):
Original Completion Date: Original Total Depth:	Formation at Total Depth:
Directional, Deviated or Horizontal wellbore? Yes No	Water Source for Drilling Operations:
Bottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR )
KCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:

### **AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It 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 each drilling rig;
- 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
- 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
- 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
- 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing.

Submitted E	Electronically
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For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT.
Approved by:	
This authorization expires:	
Spud date: Agent:	

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

#### Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- 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 well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.
  - Well will not be drilled or Permit Expired Date: \_ Signature of Operator or Ag

jent:		

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For KCC Use ONLY

API # 15 - \_\_\_\_

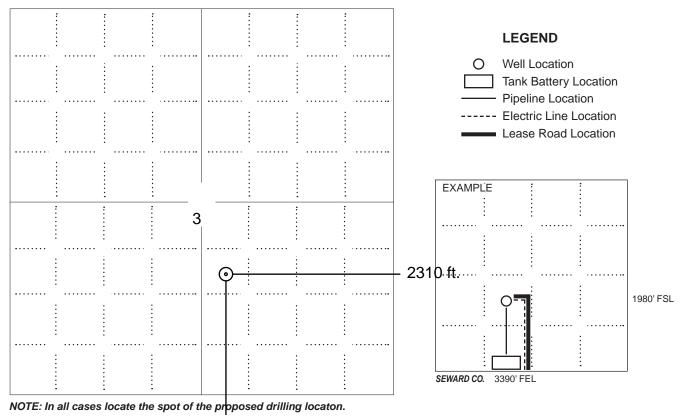
### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R E 📃 W
Number of Acres attributable to well: QTR/QTR/QTR/QTR of acreage:	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW

PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



## 1650 ft.

#### 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Side Two



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1087348

Form CDP-1 May 2010 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Address:         Contact Person:       Phone Number:         Lesse Name & Well No:       Pit Location (QOQQ):         Type of Pit:       Pris:         Imargency Pit       Drilling Pit         Imargency Pit       Drilling Pit         If Existing       If Existing, date constructed:         Imargency Pit       Drilling Pit         If Wess State       Per capacity:         If the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Is the pottor below ground level?       Artificial Line?         How is the pit lined if a plastic liner is not used?       Yes         Pit dimensions (all but working pits):       Length (feet)       With (feet)       NA: Steel Pits         Depth for mground level to description of the liner       Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.       Not Pit         If the pit is lined give a bold description of pit:       Source of information:<	feet Depth of water well 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 spit flow into the pit? Yes No Submitted Electronically	feet	Source of inform measured Drilling, Worko Type of materia Number of work Abandonment p Drill pits must b	mation:     well owner   electric log KDWR      over and Haul-Off Pits ONLY:   al utilized in drilling/workover: king pits to be utilized: orocedure: orocedure: orocedure: be closed within 365 days of spud date. NLY Liner Steel Pit RFAC RFAS	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQ,QQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Batting Pit       Diffing Pit         West       If Existing, date constructed:         Preoposed       Existing         West       If Existing, date constructed:         Preoposed       Existing         West       If Existing, date constructed:         Preoposed       Existing         West Diverse Pit       Haul-Off Pit         (If WP Supply API No. or Near Dailed)       If Existing, date constructed:         Pit capacity:	feet Depth of water well 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 spil flow into the pit?Yes No	feet	Source of inform measured Drilling, Worko Type of materia Number of work Abandonment p Drill pits must b	mation:   well owner electric log KDWR    Power and Haul-Off Pits ONLY: Il utilized in drilling/workover: king pits to be utilized: procedure: procedure: procedure:	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         With Controver Pit       Burn Pit         If Existing, date constructed:       Feet from   North /   South Line of Section         Workover Pit       Haul-Off Pit         Pit capacity:	feet Depth of water well 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 spit flow into the pit? Yes No	feet	Source of inform measured Drilling, Worko Type of materia Number of work Abandonment p Drill pits must b	mation:   well owner electric log KDWR    Power and Haul-Off Pits ONLY: Il utilized in drilling/workover: king pits to be utilized: procedure: procedure: procedure:	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Bernergency Pit       Burn Pit         Bestling 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         County       Pit capacity:         (If WP Supply API No. or Year Drilled)       Pit capacity:         Pit capacity:       Feet from   East /   West Line of Section         (If WP Supply API No. or Year Drilled)       Pit capacity:         (If WP Supply API No. or Year Drilled)       Pit capacity:         (If WP Supply API No. or Year Drilled)       Pit capacity:         (If WP Supply API No.       Ground Water Area?         Yes       No         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Pit dimensions (all but working pits):       Length (feet)         Width (leet)       NA: Steel Pits         Depth from ground level to deepest point:       (feet)         If the pit is lined give a brief description of the liner       Describe procedures for periodic maintenance and determining	feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease:	feet	Source of inform measured Drilling, Worko Type of materia Number of work	mation:       well owner       electric log       KDWR         over and Haul-Off Pits ONLY:       well owner       well owner         Il utilized in drilling/workover:       well owner       well owner         king pits to be utilized:       well owner       well owner	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Settling Pit       Drilling Pit         Haul-Off Pit       If Existing, date constructed:         Pet form [ Lagacity:       Feet from [ Last / ] West Line of Section         (If WP Supply API No. or View Drilled)       Pit capacity:         Is the pit located in a Sensitive Ground Water Area?       Yes	feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation:	feet	Source of inform measured Drilling, Worko Type of materia	mation:	
Contact Person:       Phone Number:         Lease Name & Well No:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Betting Pit       Drilling Pit         West       It Existing, date constructed:         Pit capacity:	feet Depth of water well Emergency, Settling and Burn Pits ONLY:	feet	Source of inform measured Drilling, Worko	mation:       well owner     electric log     KDWR	
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 Xetting, date constructed:       Feet from North / South Line of Section         Workover Pit       Haul-Off Pit         (If WP Supply API No. or Vear Drilled)       Pit capacity:         (WW Supply API No. or Vear Drilled)       Pit capacity:         (bits)	feet Depth of water well		Source of inform	mation:	
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Drilling Pit       Proposed         If Existing, date constructed:       Feet from         Workover Pit       Haul-Off Pit         If Workover Pit       Haul-Off Pit         If Workover Pit       Haul-Off Pit         If We supply API No. or Year Drilled)       Pit capacity:         If the pit located in a Sensitive Ground Water Area?       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Pit dimensions (all but working pits):       Length (feet)       Width (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			Source of inforr	nation:	
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         Workover Pit       Haul-Off Pit         Pit capacity:	Distance to nearest water well within one-mile of				
Contact Person: Phone Number:   Lease Name & Well No.: Pit Location (QQQQ):   Type of Pit: Pit is:   Emergency Pit Burn Pit   Describe procedures for periodic maintenance and determining Pit Location (QQQQ):   Type of Pit: Pit is:   West Pit Location (QQQQ):   Type of Pit: Pit is:   Emergency Pit Burn Pit   Describe procedures for periodic maintenance and determining					
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         Workover Pit       Haul-Off Pit         Pit capacity:       Feet from         Lease have below ground level?       Yes         No       Yes         Pit dimensions (all but working pits):       Length (feet)					
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pit:       Pit is:         Emergency Pit       Burn Pit         Broppide Pit:       Pit is:         Workover Pit       Haul-Off Pit         If Existing, date constructed:       Feet from North / South Line of Section         Pit capacity:       Pit capacity:         (If WP Supply API No. or Year Drilled)       Yes No         Is the pit located in a Sensitive Ground Water Area?       Yes No         Chloride concentration:       mg/l         Yes No       Artificial Liner?         Yes No       How is the pit lined if a plastic liner is not used?	Depth from	n ground level to dee	pest point:	(feet) No Pit	
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:       Pit capacity:         (If WP Supply API No. or Year Drilled)       Yes         Is the pit located in a Sensitive Ground Water Area?       Yes         No       Chloride concentration:         (For Emergency Pits and Settling Pits only)       Artificial Liner?	Pit dimensions (all but working pits):	Length (fee	et)	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			0	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 Are	ea? Yes N	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:       Feet from North / South Line of Section         Workover Pit       Haul-Off Pit	(II WE SUPPLY APTINO. OF TEAL DITIES)		(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 con	structed:	Feet from North / South Line of Section	
Contact Person:     Phone Number:       Lease Name & Well No.:     Pit Location (QQQQ):	Emergency Pit Burn Pit	urn Pit Proposed Existing		SecTwpR East West	
Contact Person: Phone Number:	Type of Pit:	Type of Pit: Pit is:		·	
	1			Pit Location (QQQQ):	
Operator Address:	Lease Name & Well No.:		Contact Person:		
Operator Name: License Number:	Contact Person:				

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



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1087348

## CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

Form KSONA-1 July 2010 Form Must Be Typed Form must be Signed All blanks must be Filled

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	Well Location:		
Name:			
Address 1:	County:		
Address 2:	Lease Name: Well #:		
City:          Zip:            Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Phone: ( ) Fax: ( )			
Email Address:			
Surface Owner Information:			
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional		
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the		
Address 2:	county, and in the real estate property tax records of the county treasurer.		
City: State: Zip:+			

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

#### Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- □ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

## Submitted Electronically

I

I

CENTRAL NO SURVEITING

