For KCC Use:

Eff	e	ct	iv	е	Date

District	±	
DISTINCT	TT .	

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

1246085

# NOTICE OF INTENT TO DRILL

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

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date:	Spot Description:		
month day year			
OPERATOR: License#	feet from N / S Line of Section		
Name:	feet from L E / W Line of Section		
Address 1:	Is SECTION: Regular Irregular?		
Address 2:	(Note: Locate well on the Section Plat on reverse side)		
City: State: Zip: +	County:		
Contact Person:	Lease Name: Well #:		
Phone:	Field Name:		
CONTRACTOR: License#	Is this a Prorated / Spaced Field?		
Name:	Target Formation(s):		
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:       If OWWO: old well information as follows:	Nearest Lease or unit boundary line (in footage):		
Operator:	Length of Conductor Pipe (if any):		
Well Name:	Projected Total Depth:		
Original Completion Date: Original Total Depth:	Formation at Total Depth:		
Directional, Deviated or Horizontal wellbore? Yes No If Yes, true vertical depth: Bottom Hole Location:	Water Source for Drilling Operations:          Well       Farm Pond       Other:		
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 Electronically

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

#### 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 Agent:

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



For KCC Use ONLY

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

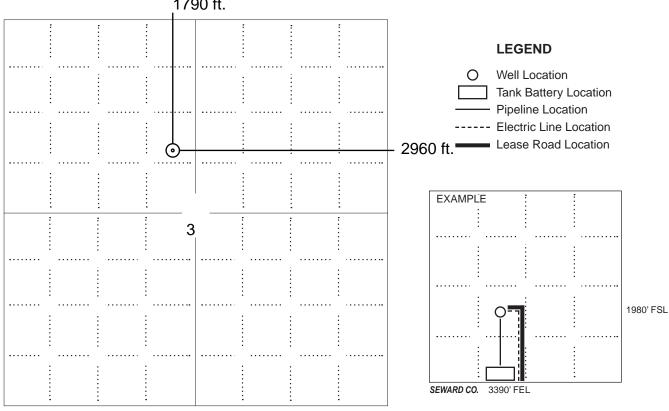
### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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.



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

Side Two



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1246085

Form CDP-1 May 2010 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Address:       Prone Number:         Contact Person:       Phone Number:         Lease Name & Well No:       PIL Location (QQQQ):         Type of Pit:       PIL is:         Emergency Pit       Burn Pit         Barling Pit       Dolling Pit         If Mrs Suppy Art No. or Near Dated       PIL capacity:         Pit control or Near Date	Producing Formation:	lled fluids to	Number of work Abandonment p Drill pits must be				
Contact Person:       Phone Number:         Lease Name & Well No.:       Pit Location (QQQQ):         Type of Pfit:       Pit is:         Emergency Pfit       Burn Pit         Setting Pit       Drilling Pit         Workover Pti       HauL-Off Pit         (WW Skipply API No. or Year Driller)       Pit capacity:         Pit capacity:       Feet from   North /   South Line of Section         (WW Skipply API No. or Year Driller)       Pit capacity:         (bbls)       Feet from   East /   West Line of Section         (WW Skipply API No. or Year Driller)       Pit capacity:         (bbls)       Feet from   East /   West Line of Section         (WW Skipply API No. or Year Driller)       Pit capacity:         (bbls)       Chloride concentration:         (WF Sigply API No. or Year Driller)       Pit capacity:         (bbls)       Chloride concentration:         (Workower Pit Haut Driller)       Artificial Liner?         (bbls)       No         Pit distribution of the liner       Movis the pit lined if a plastic liner is not used?         (Yes   No       Depth from ground level to deepests point:       (for Emergency Pits and Setting Pits only)         If the pit is lined give a brief description of the liner       Depth from ground level to deepest procedures for periodic maintenance	Producing Formation:	lled fluids to	Number of work Abandonment p Drill pits must be	rocedure: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         Secting Pit       Drilling Pit         Workcover Pit       Haul-Off Pit         (IVW Supply API No. or Ver Drillog)       Pit capacity:         Type of No.       Feet from \ North / \ South Line of Section         (IVW Supply API No. or Ver Drillog)       Pit capacity:         (IVW Supply API No. or Ver Drillog)       Pit capacity:         (bbls)	Producing Formation:	lled fluids to	Number of work Abandonment p Drill pits must be	rocedure:e closed within 365 days of spud date.			
Contact Person:       Phone Number:         Lease Name & Well No::       Pit Location (QQQQ):         Type of Pit:       Pit is:         Contact Person:       Pit is:         Berrergency Pit       Burn Pit         Proposed       Existing         Setting Pit       Drilling Pit         If Existing, date constructed:	Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily:		Number of work	ing 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:	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 Line of Section       North /         Workover Pit       Haul-Off Pit         (If WP Supply API No. or Vear Drilled)       Pit capacity:         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Pit dimensions (all but working pits):       Length (feet)         Uf the pit is lined give a brief description of the liner       Describe procedures for procedures for particular and setting pits in regrity, including any special monitoring.         Distance to nearest water well within one-mile of pit:       Depth to shallowest fresh water feet.         Source of information:			i)pe el materia	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 WP Supply API No. or Vear Drilled)       Pit capacity:         Pit capacity:       Feet from [East /] West Line of Section         (If WP Supply API No. or Vear Drilled)       Pit capacity:         Is the pit located in a Sensitive Ground Water Area?       Yes         Yes       No         Is the bottom below ground level?       Artificial Liner?         Yes       No         Pit dimensions (all but working pits):       Length (feet)         Use the pit lined if a plastic liner is not used?         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 period maintenance and determining liner integrity, including any special monitoring.         Distance to nearest water well within one-mile of pit:       Depth to shallowest fresh water	Emergency, Settling and Burn Pits ONLY:			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 s:         Distance to nearest water well within one-mile of pit:       Pit:			Drilling, Worko	ver 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							
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)							
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) 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:       mg/l         Krificial Liner?       How is the pit lined if a plastic liner is not used?	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			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	۹o				
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:			(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	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	SecTwp R East West			
Contact Person: Phone Number:	Type of Pit:	Pit is:					
				Pit Location (QQQQ):			
Operator Address:	Lease Name & Well No.:			Phone Number:			
			Operator Address:				
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

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT Form KSONA-1 January 2014 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:	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.

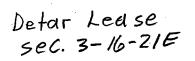
#### Select one of the following:

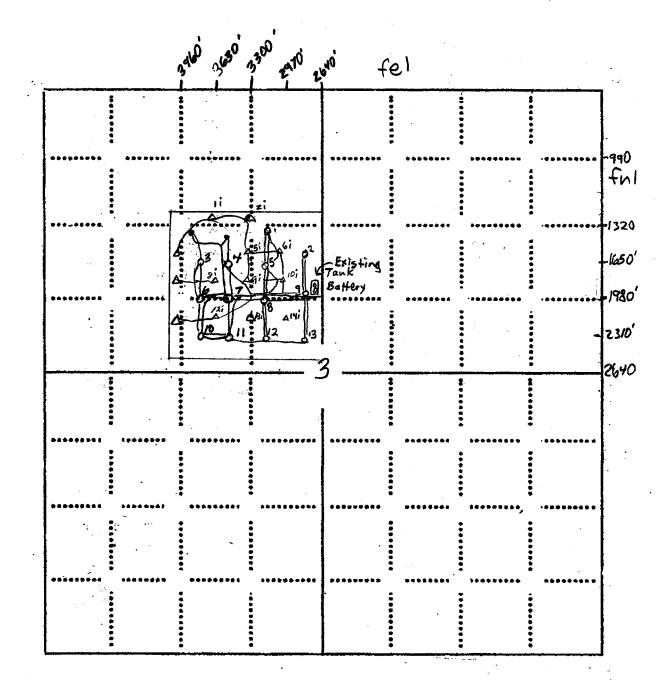
- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this 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 must provide the name and address of the surface owner by filling out the top section of this form and 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

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

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner



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

Sam Brownback, Governor

## NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling,completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.