For KCC Use:

Eff	e	ct	iv	е	Da	ate	e:
-							

District	#	
DISTINCT	Ħ	

Yes No SGA?

Form

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

	NOTICE	OF INTEN	T TO DRILL
--	--------	----------	------------

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

KSONA-1, Certification of Com	pliance with	the Kansas	Surface Owne	r Notification Act, M	UST be submitted with this form

Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R E W
OPERATOR: License#	feet from E / W Line of Section
Name:	Is SECTION: Regular Irregular?
Address 1:	
Address 2:	(Note: Locate well on the Section Plat on reverse side)
Contact Person: State 2lp +	County:
Phone:	Lease Name: Well #:
- Hono	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MSL
Oil Enh Rec Infield Mud Rotary 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:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate:
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(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 Electronically

For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT. II
Approved by:	
This authorization expires:	tarted within 12 months of approval date.)
Spud date: Ag	gent:

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.

ш

Well will not be drilled or Permit Expired Date: _ Signature of Operator or Agent:

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



For KCC Use ONLY

API # 15 - ____

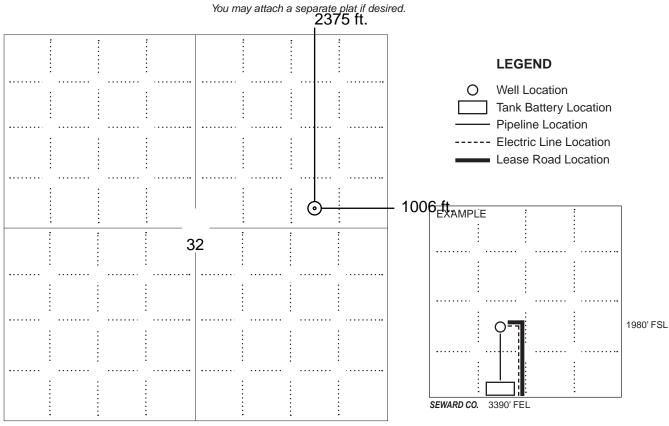
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 1280827

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

			License Number:		
Operator Address:					
Contact Person:			Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):		
Type of Pit:	Emergency Pit Burn Pit Proposed Existing		 SecTwp R Deast Deast West		
Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	kover Pit Haul-Off Pit boly API No. or Year Drilled) Pit capacity:		Feet from North / South Line of Section		
Is the pit located in a Sensitive Ground Water A	Area? Yes	(bbls)	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?	Artificial Liner?	Νο	How is the pit lined if a plastic liner is not used?		
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits		
Depth fro	om ground level to dee	epest point:	(feet) No Pit		
Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water feet. Source of information:					
fact Double of worker well		Source of infor	nation:		
feet Depth of water well		Source of inform	mation:		
Emergency, Settling and Burn Pits ONLY:	feet	Source of inform	mation: well owner electric log KDWR wer and Haul-Off Pits ONLY:		
-	feet	Source of inform measured Drilling, Worko Type of materia	mation:		
Emergency, Settling and Burn Pits ONLY: Producing Formation:	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		
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 Abandonment	mation:		
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 s	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:		
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 s flow into the pit?	spilled fluids to	Source of inform measured Drilling, Worko Type of materia Number of work Abandonment p Drill pits must b	mation: well owner electric log Wer and Haul-Off Pits ONLY: Id utilized in drilling/workover: within gits to be utilized: brocedure: brocedure: brocedure: brocedure:		

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

Kansas Corpora Oil & Gas Conse CERTIFICATION OF CO KANSAS SURFACE OWN	RVATION DIVISION January 2014 Form Must Be Typed Form must be Signed All blanks must be Filled Form must be Filled
This form must be submitted with all Forms C-1 (Notice of I T-1 (Request for Change of Operator Transfer of Injection or Any such form submitted without an accor Select the corresponding form being filed: C-1 (Intent) CB-1 (Ca	Surface Pit Permit); and CP-1 (Well Plugging Application). npanying Form KSONA-1 will be returned.
OPERATOR: License #	Well Location:
Surface Owner Information: Name: Address 1: Address 2: City:	When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.

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

I

980 Groves 2-32B-2 Groves 2-32A-2 Groves 2-32B-1 10 0 0 Groves 2-32B INJ Groves 2-32B INJ4 0 0 Groves 2-32B-3 Groves 2-32B-4 Groves 2-32A-3 Groves 2-32A-4 Groves 1-32B-3 Groves 1-32A-3 Groves 1-32B-4 0 0 0 0 0 0 Groves 2-32C INJ2 Groves 2-32C INJ3 Groves 2-32D INJ3 Groves 1-32C INJ2 Groves 1-32C INJ3 Parker INJ 0 0 Co 0 0 Groves 2-32C-2 Groves 2-32C-1 Groves 2-32D-2 Groves 2-32D-1 Groves 1-32C-2 Parker 6 Groves Meter 2 Groves 1-300 Parker 6 Groves Meter 2 Groves 1-300 Parker 6 Grove Groves 1-32C-1 Groves 1-32D-2 0 0 0 Groves 2-32C INJ Groves 2-32C INJ4 Groves 1-32C INJ Groves 1-32C INJ4 0 0 Ø 0 0 0 Groves 2:32C-3 Groves 2:32C-4 Groves 2:32D-3 Groves 2:32D-4 Groves 1:32C-3 Groves 1:32C-4 Groves 1:32D-3 Groves O Parker 7 INJ 0 0 Groves 7-32B INJ2Groves 7-32B INJ3 Parker 16 Groves 7-324 093 Groves 8-328 INJ2 Groves 8-328 INJ3 0 * ves 7-32B-2 Groves 7-32B-1 Groves 7-32A INJ2 0 Groves 7-32A-2 Groves 7-32A-1 Groves 8-32B-2 Groves 8-32B-1 Groves 8-32A-2 Groves 8-32A-1 0 0 0 Groves 7-32B INJ Groves 7-32B INJ4 Groves 7-32A INJ Parker 14 Groves 8-32B INJ ; Groves 8-32B INJ4 Groves 8-32A INJ 0 0 ø 0 · 0 Groves 7-32B-3 Groves 7-32B-4 Groves 7-32A-3 Groves 7-32A-4 Groves 8-32B-3 Groves 8-32B-4 Groves 8-32A-4 O 0 0 Groves 7-32C INJ2 Groves 7-32C INJ3 Groves 7-32D IN12 0 Groves 8-32D INJ2 0 0 Parker 13 Parker 8 Parker 12 INJ 0 NO oves 7-32C-2 Groves 7-32C-1 Groves 7-32D-2 Groves 7-32D-2 Groves 7-32D-1 Groves 8-32C-1 Groves 8-32D-2 Groves 8-32D-1 0 Groves 8-32C-2 0 Groves 7-32C INJ Groves 7-32C INJ4 Groves 7-32D INJ Groves 7-32D INJ4 Groves 8-32C INJ Groves 8-32C INJ4 Groves 8-32D INJ 0 Groves 7-32C-3 Groves 7-32D-4 Groves 7-32D-3 WSW Groves 7-32C-4 Parker 10 Parker 9 Parker 11 Parker 18 s 10-32B INJ2 Groves 10-32B INJ3 Groves 10-32A INJ2 Groves 10-32A INJ3 Groves 9-32B INJ2 Groves Parmer Tan 9-32B INJ3 Groves Meter

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

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

Jay Scott Emler, Chairman Shari Feist Albrecht, Commissioner Pat Apple, Commissioner 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.