KOLAR Document ID: 1645352

For	ксс	Use:
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Effective	Dat
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District	#	

SGA?	Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 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

month day year OPERATOR: License#	Expected Spud Date:				Spot Description:	
DrExRIDR: License#		month	,		(0/0/0/0)	
Name:						
Address 1:						
City:						
Contact Person:	City:	State:	Zip:	+		
Phone:	Contact Person:					
CONTRACTOR: License#	Phone:					
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 Yes Other:	CONTRACTOR: License#_					
Wein Dimed FOI. Wein Class. Type Equipment. Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic ; # of Holes Other Other:	Name:				Target Formation(s):	
Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Other: Other Yes Other: Other Depth to bottom of fresh water: Pool Ext. Other: Seismic ;# of Holes Other Depth to bottom of usable water: Pool Ext. Other: Other Surface Pipe by Alternate: I II Used to the formation as follows: Surface Pipe by Alternate: I II Directional, Deviated or Horizontal wellbore? Yes No If Yes, true vertical depth: Yes No Bottom Hole Location: Yes No KCC DKT #: Yes No Will Cores be taken? Yes No	Well Drilled For	Well Class	· Type I	-auipment [,]	Nearest Lease or unit boundary line (in footage):	
Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Vater well within one-quarter mile: Yes No Public water supply well within one mile: Yes Other: Depth to bottom of tresh water: Other: Depth to bottom of usable water: Other: Depth to bottom of usable water: Other: Depth to bottom of usable water: Operator: Depth to bottom of usable water: Well Name: Original Completion Date: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? Yes If Yes, true vertical depth: Yes Bottom Hole Location: Yes KCC DKT #: Yes	Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary				Ground Surface Elevation:	feet MSL
Disposal Wildcat Disposal Wildcat Cable Public water supply well within one mile: Yes No Depth to bottom of fresh water: Depth to bottom of usable water: Direction as follows: Original Completion Date: Original Completion Date: Original Completion Date: Original Total Depth: Projected Total Depth: Projected Total Depth: Well Formation at Total Depth: Well Farm Pond Other: Well Cores be taken?				,	Water well within one-quarter mile:	Yes No
Seismic ;# of Holes Other Other: Depth to bottom of fresh water: Other: Depth to bottom of usable water: Depth to bottom of usable water: Depth to bottom of usable water: Surface Pipe by Alternate: I If OWWO: old well information as follows: Length of Surface Pipe Planned to be set: Operator:				,	Public water supply well within one mile:	Yes No
Other:			Depth to bottom of fresh water:			
If OWWO: old well information as follows: Operator: Well Name: Original Completion Date: Original Completion Date: Original Completion Date: Original Total Depth: Poinctional, Deviated or Horizontal wellbore? If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: Surface Pipe by Alternate: I II Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Projected Total Depth: Projected Total Depth: Original Completion Date: Original Total Depth: Projected					Depth to bottom of usable water:	
Operator:					Surface Pipe by Alternate:	
Operator:	If OWWO: old well information as follows:			Length of Surface Pipe Planned to be set:		
Well Name: Projected Total Depth: Original Completion Date: Original Total Depth: Directional, Deviated or Horizontal wellbore? Yes If Yes, true vertical depth: Water Source for Drilling Operations: Bottom Hole Location: Other: KCC DKT #: Other: Will Cores be taken? Yes	Operator:				Length of Conductor Pipe (if any):	
Original Completion Date: Original Total Depth: Formation at Total Depth: Directional, Deviated or Horizontal wellbore? Yes No If Yes, true vertical depth: Water Source for Drilling Operations: Bottom Hole Location: Original Completion Date: KCC DKT #: Will Cores be taken?					Projected Total Depth:	
Directional, Deviated or Horizontal wellbore? Yes No If Yes, true vertical depth:						
Directional, Deviated or Horizontal wellbore? Yes If Yes, true vertical depth:	5 5 7 7 7 7		3		Water Source for Drilling Operations:	
If Yes, true vertical depth:	Directional, Deviated or Hor	izontal wellbore?		Yes No		
Bottom Hole Location: (Note: Apply for Permit with DWR) KCC DKT #: Will Cores be taken? Yes No	If Yes, true vertical depth:					
						1
If Yes, proposed zone:	KCC DKT #:				Will Cores be taken?	Yes No
					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: Agent:	

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: For KCC Use ONLY

API # 15 - ____

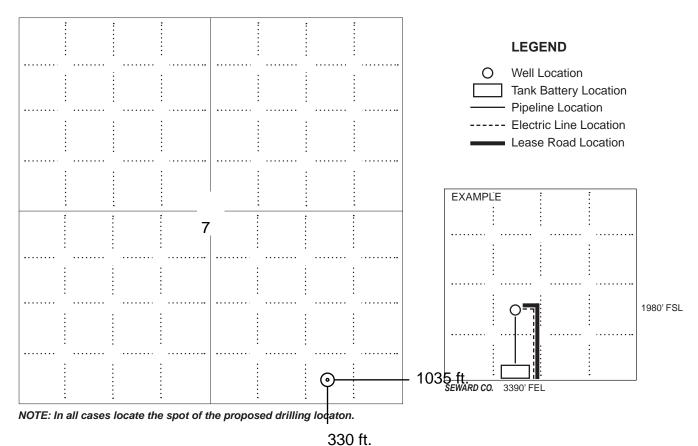
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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.



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

KOLAR Document ID: 1645352

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

	54	bmit in Duplicat		
Operator Name:		License Number:		
Operator Address:				
Contact Person:		Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):	
Type of Pit:	Pit is:		· 	
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West	
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section	
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section	
		(bbls)	County	
Is the pit located in a Sensitive Ground Water A	vrea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?	
Yes No	Yes Yes	No		
Pit dimensions (all but working pits):			Width (feet)N/A: Steel Pits	
Depth fro	om ground level to dee		dures for periodic maintenance and determining	
material, thickness and installation procedure.				
		Depth to shallo Source of infor	west fresh water feet. mation:	
feet Depth of water wellfeet		measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY: Dr		Drilling, Workover and Haul-Off Pits ONLY:		
Producing Formation:		Type of material utilized in drilling/workover:		
Number of producing wells on lease:		Number of working pits to be utilized:		
			procedure:	
Does the slope from the tank battery allow all spilled fluids to flow into the pit?		Drill pits must be closed within 365 days of spud date.		
Submitted Electronically				
KCC OFFICE USE ONLY				
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No	

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

Form KSONA-
July 202
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: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Contact Person:			
Phone: () Fax: ()			
Email Address:			
Surface Owner Information:			
Name:	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		
Address 1:			
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 (see Chapter 55 of the Kansas Statutes Annotated), 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

TDI, Inc.

License #4787 1310 Bison Road Hays, Kansas 67601

H: (785) 628-2593 C: (785) 259-3141



The Surface Notification Act requires notification to surface owner of proposed well site, tank battery, roads and etc. This notification is non-binding and locations can be changed by oil operator.

JEROME #2

