

Kansas Corporation Commission Oil & Gas Conservation Division

1355288

Well will not be drilled or Permit Expired Date: ___

Signature of Operator or Agent:

Form C-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

NOTICE OF INTENT TO DRILL

Expected Spud Date:	month day	year	Spot Description:	
	a a a a a a a a a a a a a a a a a a a	, ·	Sec Twp S.	
PERATOR: License#			feet from N /	\vdash
ame:			feet from E /	W Line of Section
			Is SECTION: Regular Irregular?	
			(Note: Locate well on the Section Plat on reve	erse side)
•		ip: +	County:	
ontact Person:			Lease Name:	Well #:
hone:			Field Name:	
ONTRACTOR: License#_			Is this a Prorated / Spaced Field?	Yes No
ame:			Target Formation(s):	
Well Drilled For:	Well Class:	Type Equipment:	Nearest Lease or unit boundary line (in footage):	
Oil Enh Re	ec Infield	Mud Rotary	Ground Surface Elevation:	feet MS
Gas Storag		Air Rotary	Water well within one-quarter mile:	Yes N
Dispos		Cable	Public water supply well within one mile:	Yes N
Seismic : # of			Depth to bottom of fresh water:	
Other:			Depth to bottom of usable water:	
			Surface Pipe by Alternate: I II	
If OWWO: old well in	nformation as follows:		Length of Surface Pipe Planned to be set:	
Operator:			Length of Conductor Pipe (if any):	
•			Projected Total Depth:	
		I Total Depth:	Formation at Total Depth:	
	· ·		Water Source for Drilling Operations:	
Directional, Deviated or Hori	izontal wellbore?	Yes No	Well Farm Pond Other:	
f Yes, true vertical depth:			DWR Permit #:	
			(Note: Apply for Permit with DWR)
(CC DKT #:			Will Cores be taken?	Yes N
			If Yes, proposed zone:	
		AFF	FIDAVIT	
he undersigned hereby a	affirms that the drilling o		agging of this well will comply with K.S.A. 55 et. seg.	
t is agreed that the followi	0.		333 2. 2 3 13 1 35.11pij 11 11 37.1. 00 01. 004.	
· ·				
	te district office <i>prior</i> to		drilling rig:	
			by circulating cement to the top; in all cases surface pipe sf	nall he set
2. A copy of the approv	nt of surface nine as sn			ian be set
 A copy of the approx The minimum amou 			e underlying formation.	
 A copy of the approx The minimum amouthrough all unconsol 	lidated materials plus a	minimum of 20 feet into the	e underlying formation. rict office on plug length and placement is necessary <i>prior</i>	to plugging;
 A copy of the approx The minimum amou through all unconso If the well is dry hole The appropriate dist 	lidated materials plus a e, an agreement betwee trict office will be notified	minimum of 20 feet into the en the operator and the dist d before well is either plugg	rict office on plug length and placement is necessary prior led or production casing is cemented in;	. 66 67
 A copy of the approx The minimum amou through all unconso If the well is dry hole The appropriate dist If an ALTERNATE II 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, product	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS of	of spud date.
 A copy of the approximate. The minimum amounthrough all unconsorus. If the well is dry holes. The appropriate dist. If an ALTERNATE II. Or pursuant to Appear. 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, produc endix "B" - Eastern Kans	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternated	of spud date.
 A copy of the approximate. The minimum amount through all unconsorus. If the well is dry holes. The appropriate distriction. If an ALTERNATE II. Or pursuant to Appear 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, produc endix "B" - Eastern Kans	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS of	of spud date.
 A copy of the approximate. The minimum amount through all unconsorus. If the well is dry holes. The appropriate distriction. If an ALTERNATE II. Or pursuant to Appear 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, produc endix "B" - Eastern Kans	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternated	of spud date.
 A copy of the approx The minimum amouthrough all unconso If the well is dry hole The appropriate dist If an ALTERNATE II Or pursuant to Appearust be completed 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, product endix "B" - Eastern Kans within 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternated	of spud date.
 A copy of the approx The minimum amouthrough all unconso If the well is dry hole The appropriate dist If an ALTERNATE II Or pursuant to Appearust be completed 	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, product endix "B" - Eastern Kans within 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary <i>prior</i> led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any	of spud date.
2. A copy of the approx 3. The minimum amou through all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appe must be completed ubmitted Electron	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, product endix "B" - Eastern Kans within 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemented sas surface casing order #1	rict office on plug length and placement is necessary <i>prior</i> led or production casing is cemented in; d from below any usable water to surface within 120 DAYS of 33,891-C, which applies to the KCC District 3 area, alternated plugged. In all cases, NOTIFY district office prior to any Remember to:	of spud date. te II cementing cementing.
A copy of the approx The minimum amouthrough all unconso If the well is dry hole The appropriate dist If an ALTERNATE II Or pursuant to Appearust be completed and the completed of the complete of the c	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either plugg ction pipe shall be cemente sas surface casing order #1 and date or the well shall be	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface O	of spud date. te II cementing cementing.
2. A copy of the approx 3. The minimum amou through all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appe must be completed Jubmitted Electron For KCC Use ONLY API # 15 -	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface O Act (KSONA-1) with Intent to Drill;	of spud date. te II cementing cementing.
A copy of the approx The minimum amouthrough all unconso If the well is dry hole The appropriate dist If an ALTERNATE II Or pursuant to Appearust be completed and the completed of the complete of the c	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternated plugged. In all cases, NOTIFY district office prior to any surface Prior to any 1 File Certification of Compliance with the Kansas Surface Office Act (KSONA-1) with Intent to Drill; - File Drill Pit Application (form CDP-1) with Intent to Drill;	of spud date. te II cementing cementing.
2. A copy of the approx 3. The minimum amou through all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appe must be completed Ibmitted Electron For KCC Use ONLY API # 15 - Conductor pipe required —	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kans within 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cemented as surface casing order #1 and date or the well shall be the feet	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface Office 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.	of spud date. te II cementing cementing.
2. A copy of the approx 3. The minimum amouthrough all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appearust be completed Jubmitted Electron For KCC Use ONLY API # 15 - Conductor pipe required — Minimum surface pipe required	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be be feet feet per ALT. I I II	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface O 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 ord	of spud date. te II cementing cementing. where Notification
2. A copy of the approx 3. The minimum amou through all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appe must be completed UDMITTED For KCC Use ONLY API # 15 - Conductor pipe required Minimum surface pipe required Approved by:	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sp	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be be feet feet per ALT. I I II	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface Office 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.	of spud date. te II cementing cementing. where Notification ers; or re-entry;
2. A copy of the approx 3. The minimum amouthrough all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appeared to the completed of the completed of the completed of the complete of the comp	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sparitically	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be the feet per ALT. I II	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface O 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 ord - Notify appropriate district office 48 hours prior to workover	of spud date. te II cementing cementing. where Notification where Notification ers; or re-entry; (within 60 days);
2. A copy of the approx 3. The minimum amou through all unconso 4. If the well is dry hole 5. The appropriate dist 6. If an ALTERNATE II Or pursuant to Appe must be completed Ibmitted Electron For KCC Use ONLY API # 15 - Conductor pipe required — Minimum surface pipe required Approved by:	lidated materials plus a e, an agreement betwee trict office will be notified COMPLETION, producendix "B" - Eastern Kanswithin 30 days of the sparitically	minimum of 20 feet into the en the operator and the dist d before well is either pluggetion pipe shall be cementer as surface casing order #1 and date or the well shall be the feet per ALT. I II	rict office on plug length and placement is necessary prior led or production casing is cemented in; d from below any usable water to surface within 120 DAYS (33,891-C, which applies to the KCC District 3 area, alternate plugged. In all cases, NOTIFY district office prior to any Remember to: - File Certification of Compliance with the Kansas Surface Of 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 ord - Notify appropriate district office 48 hours prior to workover - Submit plugging report (CP-4) after plugging is completed	of spud date. te II cementing cementing. where Notification ers; or re-entry; (within 60 days); ater.

S	id	Δ	τ	W

a	\sim	_	_	\sim	_	\sim
- 1	3	: `	:n	/	~	ぺ

For KCC Use ONLY	
API # 15	

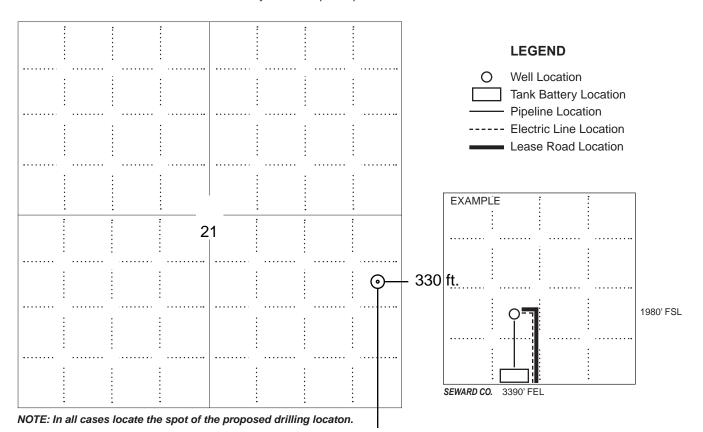
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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:	SecTwpS. R 🗌 E 🔲 W
Number of Acres attributable to well:	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.



1725 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.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

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 Settling Pit Drilling Pit	Proposed Existing If Existing, date constructed:		SecTwpR East West		
Workover Pit Haul-Off Pit If Existing, date co			Feet from North / South Line of Section		
(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	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?		
, , , , , , , , , , , , , , , , , , , ,	Length (fee	•	Width (feet) N/A: Steel Pits (feet) No Pit		
Depth from ground level to dea		Describe proce	dures for periodic maintenance and determining cluding any special monitoring.		
Distance to nearest water well within one-mile of pit:		Depth to shallowest fresh water feet. Source of information:			
feet Depth of water wellfeet		measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		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:			
Barrels of fluid produced daily:		Abandonment p	procedure:		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		Drill pits must be closed within 365 days of spud date.			
Submitted Electronically					
KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS					
Date Received: Permit Numb	oer:	Permi	t Date: Lease Inspection: Yes No		

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1355288

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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		
Contact Person:	the lease below:		
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:+			
the KCC with a plat showing the predicted locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered of Select one of the following: □ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be lead.	dic Protection Borehole Intent), you must supply the surface owners and a batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. Act (House Bill 2032), I have provided the following to the surface ocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.		
KCC will be required to send this information to the surface ov task, I acknowledge that I must provide the name and address that I am being charged a \$30.00 handling fee, payable to the I	cknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and KCC, which is enclosed with this form. 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- 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.

ENGEL SOUTH #2

