

For KCC	Use:
Effective	Date:
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

Expected Spud Date:		Spot Description:		
month day	year	Sec TwpS	S. R 🗌 E 🔲 W	
OPERATOR: License#		(Q/Q/Q/Q) feet from N	/ S Line of Section	
Name:		feet from E	/ W Line of Section	
Address 1:		Is SECTION: Regular Irregular?		
Address 2:		(Note: Locate well on the Section Plat on re	ovorco cido)	
Dity: State: Zip:	_	County:	,	
Contact Person:		Lease Name:		
Phone:		Field Name:		
CONTRACTOR: License#		Is this a Prorated / Spaced Field?	Yes No	
Name:		Target Formation(s):		
		Nearest Lease or unit boundary line (in footage):		
Well Drilled For: Well Class: Type I	чиртноти.	Ground Surface Elevation:		
	ud Rotary	Water well within one-quarter mile:	Yes No	
	rRotary	Public water supply well within one mile:	Yes No	
	able	Depth to bottom of fresh water:		
Seismic ;# of HolesOther		Depth to bottom of usable water:		
Other:		Surface Pipe by Alternate:		
If OWWO: old well information as follows:		Length of Surface Pipe Planned to be set:		
_		Length of Conductor Pipe (if any):		
Operator:		Projected Total Depth:		
Well Name: Original Total 5		Formation at Total Depth:		
Original Completion Date: Original Total D		Water Source for Drilling Operations:		
Directional, Deviated or Horizontal wellbore?	Yes No	Well Farm Pond Other:		
If Yes, true vertical depth:				
Bottom Hole Location:		DWR Permit #:(Note: Apply for Permit with DWR		
KCC DKT #:		Will Cores be taken?	Yes No	
		If Yes, proposed zone:		
		11 100, proposod 20110.		
	AFFIDA			
The undersigned hereby affirms that the drilling, complet	on and eventual plugging	g of this well will comply with K.S.A. 55 et. seq.		
It is agreed that the following minimum requirements will	e met:			
1. Notify the appropriate district office <i>prior</i> to spuddi	na of well:			
2. A copy of the approved notice of intent to drill shall		ing rig;		
3. The minimum amount of surface pipe as specified	,	0 17	shall be set	
through all unconsolidated materials plus a minimu				
4. If the well is dry hole, an agreement between the o			r to plugging;	
5. The appropriate district office will be notified before6. If an ALTERNATE II COMPLETION, production pip	. 55		C of anud data	
		91-C, which applies to the KCC District 3 area, altern		
		aged. <i>In all cases, NOTIFY district office</i> prior to an		
,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	
ubmitted Electronically				
ubilitied Liectroffically	_			
For KCC Use ONLY		member to:		
		File Certification of Compliance with the Kansas Surface	Owner Notification	
API # 15		Act (KSONA-1) with Intent to Drill;		
Conductor pipe requiredfee		File Drill Pit Application (form CDP-1) with Intent to Drill;	to	
	_ L	- File Completion Form ACO-1 within 120 days of spud date;		
Minimum surface pipe requiredfeet p	^ 1 T 1 11			
	er ALT. UIUIII - F	File acreage attribution plat according to field proration o	rders;	
Minimum surface pipe required feet p Approved by: This authorization expires:	er ALT.		rders; er or re-entry;	

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

_ Agent: _

-	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:	



For KCC Use ONLY	
API # 15	

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

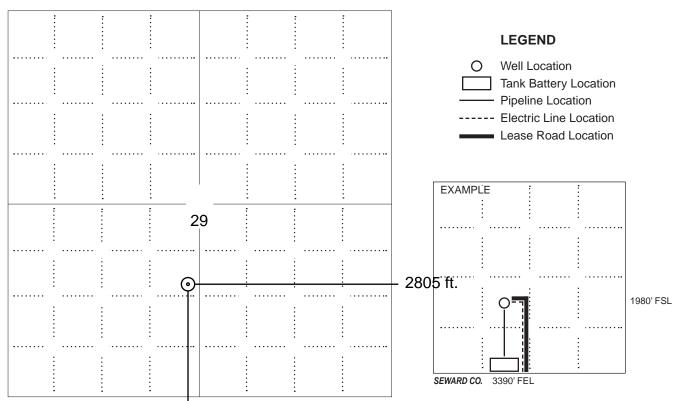
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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			
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.

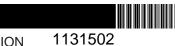


NOTE: In all cases locate the spot of the proposed drilling locaton.

1540 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	Proposed	Existing	SecTwp R		
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	rea? 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 N	No			
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet)N/A: Steel Pits		
	om ground level to dee				
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ner		dures for periodic maintenance and determining cluding any special monitoring.		
Distance to nearest water well within one-mile of	of pit:	Depth to shallowest fresh water feet. Source of information:			
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over 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	procedure:		
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.			
Submitted Electronically					
Cabililiana Electronically					
	ксс	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS		
Date Received: Permit Num	her·	Permi	t Date: Lease Inspection: Yes No		



1131502

Form KSONA-1
July 2010
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 (CB-1)	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)				
OPERATOR: License #	Well Location:				
Name:	Sec. Twp. S. R. East West				
Address 1:					
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				
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:	country and in the real estate property toy records of the country traceurs				
City:					
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and k 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.				
☐ 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 to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this				
task, I acknowledge that I am being charged a \$30.00 handling If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	fee with this form. If the fee is not received with this form, the KSONA-1				
Submitted Electronically					

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: PETROLE	UM TECHI	NOLOGIE	S, INC.			_ Loc	cation of W	/ell: County: JOHNSON
Lease: SAWYER				1,540	feet from N / N S Line of Section			
Well Number: 25				2,805	feet from X E / W Line of Section			
Field: LONGANECKER SOUTHEAST					Sec	c. <u>29</u>	Twp. <u>14</u> S. R. <u>22</u> 🔀 E 🔲 W	
Number of Acres attr			- SE	_ NE	- SW	- Is S	Section:	Regular or Irregular
QINQINQINQIN	or acreage	·· <u> </u>					section is	Irregular, locate well from nearest corner boundary. er used: NENWSESSW
				d electrical	the neares Llines, as i		y the Kans	dary line. Show the predicted locations of sas Surface Owner Notice Act (House Bill 2032). ired.
SW/4 29-	14S-22E John	son Co.		· · · · ·			2805' FEL	1
								LEGEND
								O Well Location Tank Battery Location Pipeline Location Electric Line Location
								Lease Road Location
							o	1540' FSL :
	<u> </u>		sv	N/4			· 	
			· · · · · · · · · · · · · · · ·					
	: :		•••••					0-7 1980 FSL
							: :	

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- 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).

SEWARD CO. 3390' FEL

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