

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

For KCC	Use:	
Effective	Date:	
District #		
SGA?	Yes No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1044505

Form C-1

March 2010

Form must be Typed

Form must be Signed

All blanks must be Filled

NOTICE OF INTENT TO DRILL

F	0.15.11
Expected Spud Date:	Spot Description:
OPERATOR: License#	feet from N / S Line of Section feet from E / W Line of Section
Name:	
Address 1:	Is SECTION: Regular Irregular?
Address 2: State: Zip: +	(Note: Locate well on the Section Plat on reverse side)
Contact Person:	County:
Phone:	Lease Name: Well #:
	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):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MSL
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile: Yes No
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I II
II OVVVO. 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:
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
If Yes, true vertical depth:	Well Farm Pond Other:
Bottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR)
KCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
	11 100, proposed 20110.
	IDAVIT
The undersigned hereby affirms that the drilling, completion and eventual plu	
The undersigned hereby diffine that the driffing, completion and eventual pla	gging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met:	gging of this well will comply with K.S.A. 55 et. seq.
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Side Two



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.

Lease:	Operator:							_ Loc	cation	of Well:	County	/:				
Field:	Lease:											feet	from	N /	S Line	e of Section
Number of Acres attributable to well: GREQUIAR OF ACRES ACRES ACRES SECTION	Well Number	r:										feet	from	E /	W Line	e of Section
Number of Acres attributable to well:	Field:							Sec	С.	Tv	wp.	 S.		=	Ē	W
## Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW PLAT								-			'					_
## Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW NW SE SW								15 3	Sectio	n:	Regulai	r or	Irregular			
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. LEGEND Well Location Pipeline Location Pipeline Location Electric Line Location Lease Road Location EXAMPLE 34 35 1880' FSL	QTR/QTR/Q	TR/QTR	of acreage	e:				-			•					
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. LEGEND Well Location Pipeline Location Pipeline Location Electric Line Location Lease Road Location EXAMPLE 34 35 1880' FSL								If S	ectio	n is Irreg	gular, lo	ocate well	from near	rest cor	ner boun	dary.
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. LEGEND Well Location — Pipeline Location — Pipeline Location — Lease Road Location — Lease Road Location [EXAMPLE] 1980' FSL										_						
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. LEGEND Well Location Tank Battery Location Pipeline Location Electric Line Location Lease Road Location EXAMPLE 344 330 ft.																
O Well Location Tank Battery Location — Pipeline Location — Electric Line Location — Lease Road Location EXAMPLE 34 O 330 ft. 1980'FSL	I					d electrica	l lines, as i	required by	y the I	Kansas S	Surface					
O Well Location Tank Battery Location — Pipeline Location — Electric Line Location — Lease Road Location	Γ		:		:		:	•	:							
O Well Location Tank Battery Location — Pipeline Location — Electric Line Location — Lease Road Location EXAMPLE 34 O 330 ft. 1980'FSL													LECEN	ID		
O Well Location Tank Battery Location — Pipeline Location —— Electric Line Location —— Lease Road Location EXAMPLE 34 O 330 ft.					:		:						LEGEN	עו		
Pipeline Location Electric Line Location Lease Road Location EXAMPLE 34 O—— 330 ft.		•••••		:		*******				• • • • •		0	Well Lo	cation		
Pipeline Location Electric Line Location Lease Road Location EXAMPLE 34 O—— 330 ft.			:		:		:		:				Tank Ba	ttery L	ocation	
Electric Line Location Lease Road Location EXAMPLE 34 O 330 ft.			:	:	:	••••	:	:	:					-		
BEXAMPLE 34 O-330 ft. 1980' FSL			:	:	:		:	:	:				-			
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SEWARD CO. 3390' FEL			;		:		: :		:			ŀг				
					:						SF	WARD CO.	lı∎• 3390' FFI	•	•	J

In plotting the proposed location of the well, you must show:

2310 ft.

- 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.

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

- 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

1044505

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: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: Proposed If Existing, date continued in the continue	Existing nstructed: (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty				
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?	No	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				
If the pit is lined give a brief description of the li material, thickness and installation procedure.	om ground level to dee	Describe proce	dures for periodic maintenance and determining 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 well	feet	measured	well owner electric log KDWR				
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? Yes No Submitted Electronically		Type of materia Number of work Abandonment p Drill pits must b	over and Haul-Off Pits ONLY: all utilized in drilling/workover: king pits to be utilized: procedure: de closed within 365 days of spud date.				
	KCC	OFFICE USE O	NLY				
Date Received: Permit Num	ber:		Liner Steel Pit RFAC RFAS t Date: Lease Inspection: Yes No				



Kansas Corporation Commission Oil & Gas Conservation Division

1044505

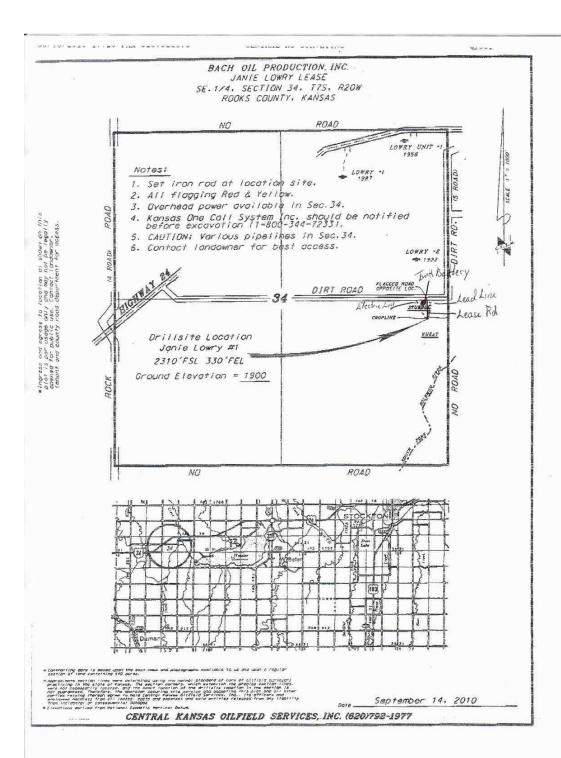
Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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:	SecTwpS. R East								
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 o								
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 county, and in the real estate property tax records of the county treasurer.								
Address 2:									
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 n 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									



Minimum Surface Casing Requirements

Minimum surface casing requirements for protecting fresh and usable water and to meet alternate #1 on Intent to Drill cards, Form C-1

S=Section, T=Township, R=Range

Rooks County

In T.6S, T.9S and T.10S, cement surface pipe through the Dakota formation plus 20 feet into the underlying formation except where local areas of usable water occur in the Cheyenne sandstone, in which case, protection must be extended 20 feet into the Permian.

The following options are open:

- (a) cement surface pipe through the Dakota plus 20 feet into the underlying formation or
- (b) cement surface pipe through all fresh water and/or unconsolidated material plus 20 feet below the base of the Dakota to the surface.

If (b) is used and the hole is dry, refer to K.A.R. 82-3-114. In all cases, a minimum of 50 feet of surface pipe is required.

In T.7S and T.8S, protection shall be as outlined above except in the following areas:

- Township 7 South, R.17W, below surface elevation 1860 feet
- Townships 7 and 8 South, R.18W, below surface elevation 1880 feet
- Townships 7 and 8 South, R.19W, below surface elevation 1920 feet
- Townships 7 and 8 South, R.20W, below surface elevation 1960 feet

Within these areas, large surface pipe or 8 5/8 inch surface pipe systems may be used. If the large surface pipe is used, surface pipe of at least 13 3/8 inches in diameter shall be cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation with a minimum of 40 feet being used. Then the following options are open:

- (a) set intermediate pipe to the Stone Corral (Anhydrite) and cement from the Stone Corral to surface or
- (b) cement the production string from the Anhydrite to surface immediately after it has been set.

If (b) is used and the hole is dry, plug per K.A.R. 82-3-114.

If 8 5/8 inch surface pipe is used, it will be set and cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation. A blowout preventor will be installed and maintained on the surface pipe until pipe is set or the hole plugged. If serious flow problems occur, the hole will be plugged per K.A.R. 82-3-114.

If the hole is completed and production pipe installed, cement the production string from the Stone Corral Anhydrite to surface immediately after it has been set. If the hole is dry, plug the hole per K.A.R. 82-3-114.

If Alternate II is used in the above described special area, follow the procedure outlined in K.A.R. 82-3-106. The option for 120 days to complete cementing is not available and the operator shall cement production casing from Stone Corral (Anhydrite) to surface immediately.