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SEP 2 8 2010

For KCC Use: In 2-2010	Kansas
Effective Date: 20-3-2010	— OL&
District #	_
SGA2 Mes X No	NOTIC

130 S. Market - Room 2078, Wichita, Kansas 67202

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CE OF INTENT TO DRILL KCC WICHITA

March 2010
Form must be Typed
Form must be Signed

Form C-1

	All blanks must be Filled et (5) days prior to commencing well
Form KSONA-1, Certification of Compliance with the Kansas	Surface Owner Notification Act, MUST be submitted with this form.
Expected Spud Date: 10/4/2010	Spot Description:
month day year	NE - SW - NE - SE Sec. 28 Twp. 30 S. R. 14 XE W
OBERATOR: Linux 33365	(0/0/0/0/0) 1,805 feet from N / X S Line of Section
OPERATOR: License# Name: Layne Energy Operating, LLC	980 feet from X E / W Line of Section
Address 1: 1900 Shawnee Mission Parkway	Is SECTION: Regular Irregular?
Address 2:	
City: Mission Woods State: KS Zip: 66205 + 2001	(Note: Locate well on the Section Plat on reverse side)  County: Wilson
Contact Person: Victor H. Dyal	Lease Name: Hummer Well #: 9L-28
Phone: 913-748-3960	Field Name: Lafgotatrie Unnamed
CONTRACTOR: License# 33606	Is this a Prorated / Spaced Field?
Name: Thornton Air Rotary, LLC	Target Formation(s): Cattleman Sands
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage): 835'
⊠Oil ☐ Enh Rec ☐ Infield ☐ Mud Rotary	Ground Surface Elevation: 890 feet MSL
Gas Storage X Pool Ext. X 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: 150'
Other:	Depth to bottom of usable water: 200'
If OWWO: old well information as follows:	Surface Pipe by Alternate:
	Length of Surface Pipe Planned to be set: 40'
Operator:	Length of Conductor Pipe (if any): None
Well Name:	Projected Total Depth: 1300'
Original Completion Date: Original Total Depth:	Formation at Total Depth: Mississippian
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:  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? ☐ Yes ☒ No
	If Yes, proposed zone:
455	TID AT (IT
The undersigned hereby affirms that the drilling, completion and eventual plu	FIDAVIT
It is agreed that the following minimum requirements will be met:	gging of this well will comply with N.S.A. 33 et. seq.
· · · · · · · · · · · · · · · · · · ·	
<ol> <li>Notify the appropriate district office <i>prior</i> to spudding of well;</li> <li>A copy of the approved notice of intent to drill <i>shall be</i> posted on each</li> </ol>	drilling rig:
The minimum amount of surface pipe as specified below shall be set.	
through all unconsolidated materials plus a minimum of 20 feet into the	, .
4. If the well is dry hole, an agreement between the operator and the dist	7, 7 30 37
<ol> <li>The appropriate district office will be notified before well is either plugg</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cemented</li> </ol>	· · · · · · · · · · · · · · · · · · ·
	33,891-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.
I hereby certify that the statements made herein are true and to the best of years.	ny knowledge <b>g</b> hd belief.
- 0/27/2010	Manager of Engineering
Date: 9/27/2010 Signature of Operator or Agent:	Title: Ivialiage of Engineering
For KCC Use ONLY	Remember to:
API#15-205-27870-00-00	- File Certification of Compliance with the Kansas Surface Owner Notification
Nage	Act (ASONA-1) with Intent to Drill,
Conductor pipe requiredfeet	- File Drill Pit Application (form CDP-1) with Intent to Drill; - File Completion Form ACO-1 within 120 days of spud date;
Minimum surface pipe required	- File Completion Form ACO-1 within 120 days of spud date; - File acreage attribution plat according to field proration orders;
Approved by: 449-28-2010	Notify appropriate district office 48 hours prior to workover or re-entry;
This authorization expires: 9-28-2011	- Submit plugging report (CP-4) after plugging is completed (within 60 days);
(This authorization void if drilling not started within 12 months of approval date.)	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.
Spud date:Agent:	
	Well will not be drilled or Permit Expired Date:  Signature of Operator or Agent:
Mail to: KCC - Conservation Division,	

For KCC Use ONLY
API # 15 - 205 - 27870-00-00

#### 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.

Cperator Lease: Well Number Field:	Human	<u>.(</u> 28						980		from I		W Line	
Number of A	Acres attrib	outable to	weil:	<u>. w</u> .	. NE	. SE	I <b>s</b> S	ection: R	egular or	irregular			
Q170Q1100	at i s water v	vi av vage	***************************************						ular, locate well d: NE				lary.
					l electrical	the neares lines, as r	equired by		ine. Show the pr urface Owner No				
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									<u> </u>	- Pipelin - Electric	ocation attery Lo e Location Line Lo Road Lo	n cation	
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	**********	*/		9 2 4 4 7		***************************************	*******	1			:	Type of a second	
			-				, - - •		SEWARD CO	3390' FE'	:		

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

- 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.

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

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# 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: Layne Energy Operat	ing, LLC		License Number: 33365
Operator Address: 1900 Shawnee	Mission Park	way	Mission Woods KS 66205
Contact Person: Victor H. Dyal			Phone Number: 913-748-3960
Lease Name & Well No.: Hummer	9L-	28	Pit Location (QQQQ):
Type of Pit:	Pit is:		NE _ SW _ NE _ SE
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 28 Twp. 30 R. 14 X East West
Settling Pit X Drilling Pit	If Existing, date cor	nstructed:	
Workover Pit Haul-Off Pit	Pit capacity:		980 Feet from 🗶 East / West Line of Section
(If WP Supply API No. or Year Drilled)	- Coupacity.	(bbls)	Wilson County
Is the pit located in a Sensitive Ground Water A	urea? Yes 🔀	No	Chloride concentration: mg/l  (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?  X Yes No	Artificial Liner?	ło	How is the pit lined if a plastic liner is not used? Made of clay
Pit dimensions (all but working pits):	0 Length (fee	et)20	Width (feet) N/A: Steel Pits
Depth fro	om ground level to dee	epest point:	3 (feet) No Pit
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ner	· ·	edures for periodic maintenance and determining necluding any special monitoring.
			SEP 2 8 2010
			KCC WICHITA
Distance to nearest water well within one-mile	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:
None 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:	VALUE	Type of materia	over and Haul-Off Pits ONLY:  al utilized in drilling/workover:   fresh water mud  king pits to be utilized:
Number of producing wells on lease:		Number of wor	
Barrels of fluid produced daily:		Abandonment	procedure: Let evaporate until dry; then backfill and restore
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must l	procedure:  Let evaporate until dry; then backfill and restore  pe closed within 365 days of spud date.  my knowledge and belief.
I hereby certify that the above statem	nents are true and cor	rect to the best of	my knowledge and belief.
		1]+Ab	
9/27/2010 Date	<u></u>	UMDT V	gnature of Applicant or Agent
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS

## 15-205-27870-0000

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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.

OPERATOR: License # 33365	Well Location:
Name: Layne Energy Operating, LLC	NE_SW_NE_SE_Sec. 28 Twp. 30 S. R. 14 XEas West
Address 1: 1900 Shawnee Mission Parkway	County: Wilson
Address 2:	Lease Name: Hummer Well #: 9L-28
City: Mission Woods State: KS Zip: 66205 + 2001	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person: Victor H. Dyal	the lease below:
Phone: ( 913 ) 748-3960 Fax: ( 913 ) 748-3950	RECEIVED
OPERATOR: License # 33365  Name: Layne Energy Operating, LLC  Address 1: 1900 Shawnee Mission Parkway  Address 2:	SEP 2 8 2010
Surface Owner Information:	KCC WICHITA
Name: Dimple Dene Hummer Address 1: 5901 Forrest Ledge	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1: 5901 Forrest Ledge	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:	county, and in the real estate property tax records of the county treasurer.
70040	
City: San Antonio  State: TX Zip: 78240 +  If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath	odic Protection Borehole Intent), you must supply the surface owners and
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered Select one of the following:	odic Protection Borehole Intent), you must supply the surface owners and nk batteries, pipelines, and electrical lines. The locations shown on the plat on 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
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered Select one of the following:	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1, Form CB-1, Form CB-1, Form CB-1, Form T-1, or Form I being filed is a Form C-1 or Form CB-1, the plat(s) required by this
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered  Select one of the following:  I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax,	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1 or Form CB-1, the plat(s) required by this and email address.  acknowledge that, because I have not provided this information, the ewner(s). To mitigate the additional cost of the KCC performing this
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered Select one of the following:      certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filling in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax,      I have not provided this information to the surface owner(s).	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1 prom CB-1, form CB-1, form CB-1, Form T-1, or Form a being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.  acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ag fee, payable to the KCC, which is enclosed with this form.
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cath the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered Select one of the following:      certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax,	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1, Form CB-1, Form CB-1, Form T-1, or Form a being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.  acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ag fee, payable to the KCC, which is enclosed with this form.  If the fee is not received with this form, the KSONA-1 will be returned.