For KCC Use: Effective Date:	7-10-06
District #	3

This authorization expires: 1-5-07

Spud date:_

(This authorization void if drilling not started within 6 months of effective date.)

___ Agent:_

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

TICE OF INTENT TO DRILL

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

SGA: LITES IND	TENT TO DRILL 5) days prior to commencing well
	ays phor to commencing well
Expected Spud Date July 7, 2006	Spot ✓ East
month day year	NE SE Sec. 20 Twp. 30 S. R. 17 West
33365	1792 feet from N / V S Line of Section
OPERATOR: License# 33365 V Name: Layne Energy Operating, LLC	425feet from
Address: 1900 Shawnee Mission Parkway	Is SECTION Regular irregular?
Address: 1566 Glasinia Missian Woods, KS 66205	
City/State/Zip:	(Note: Locate well on the Section Plat on reverse side)
Contact Person: M. B. Nattrass Phone: 913-748-3987	County: Wilson Lease Name: Worthy Well #: 9-20
Phone: 913-740-3307	Lease Name: Worthy Well #: 9-20 Field Name: Neodesha
CONTRACTOR: License# 33606	
Name: Thorton Air	Is this a Prorated / Spaced Field?
Mario.	Target Formation(s): Cherokee Coals
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 425
Oil Enh Rec ✓ Infield ✓ Mud Rotary	Ground Surface Elevation: 935feet MSL
✓ Gas Storage Pool Ext. ✓ Air Rotary	Water well within one-quarter mile:
OWNO Disposal Wildcat Cable	Public water supply well within one mile: Yes No
Seismic: # of Holes Other	Depth to bottom of fresh water: 150
Other	Depth to bottom of usable water: 200
	Surface Pipe by Alternate: 1 2
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 20'
Operator:	Length of Conductor Pipe required: None
Well Name:	Projected Total Depth: 1200 Feet
Original Completion Date:Original Total Depth:	Formation at Total Depth: Mississippian
Directional Bootstad on Hadroutal wellboard	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other X
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:
AEEU	DAVIT KANSAS CORROBATION COMMISSION
	THE CONFORMION COMMISSION
The undersigned hereby affirms that the drilling, completion and eventual plu	JUL 0 5 2006
It is agreed that the following minimum requirements will be met:	30L U J 2000
 Notify the appropriate district office prior to spudding of well; 	CONSEDVATION
2. A copy of the approved notice of intent to drill shall be posted on eac	
The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into th	
•	strict office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugg	
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented	
	#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 b	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	my knowledge and belief.
6/20/2006 WR 1	ATTA
Date: 6/30/2006 Signature of Operator or Agent:	Title: Agent
	Remember to:
For KCC Use ONLY	File Dell Dit Application (form CDD 1) with Intent to Delle
20226-0000	- File Completion Form ACO-1 within 120 days of soud date:
More	- File acreage attribution plat according to field proration orders;
Conductor pipe required	- Notify appropriate district office 48 hours prior to workover or re-entry;
Minimum surface pipe required 20 feet per Alt. (2)	- Submit plugging report (CP-4) after plugging is completed;
Approved by: Put 7-5-00	- Cubinit plugging report (Cr -4) after plugging is completed,

 If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well Not Drilled - Permit Expired

Signature of Operator or Agent:_

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the Intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

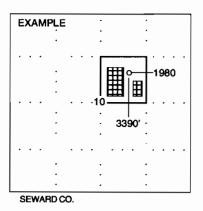
API No. 15 - 205-26826-0000	Location of Well: County: Wilson
Operator: Layne Energy Operating, LLC	1792 feet from N / ✓ S Line of Section
Lease: Worthy	425 feet from 🗸 E / W Line of Section
Well Number: 9-20	Sec. 20 Twp. 30 S. R. 17 ✓ East Wes
Field: Neodesha	
Number of Acres attributable to well:	Is Section: 📝 Regular or 🔲 Irregular
QTR / QTR / QTR of acreage:NE SE	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW

PLAT (Show location of the well and shade attributable acreage for prorated or spaced wells.) (Show footage to the nearest lease or unit boundary line.)

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RECEIVED KANSAS CORPORATION COMMISSION JUL 0 5 2006

CONSERVATION DIVISION WICHITA, KS



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

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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 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).

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Layne Energy Operating, L	.LC	License Number: 33365
Operator Address: 1900 Shawnee Mission		Mission Woods, KS 66205
Contact Person: M. B. Nattrass		Phone Number: (913) 748 - 3987
ease Name & Well No.: Worthy 9-20		Pit Location (QQQQ):
Type of Pit: Pit is:		<u>NE</u> . <u>SE</u> _
☐ Emergency Pit ☐ Burn Pit ✔ Propose	d Existing	Sec. 20 Twp. 30 R. 17 ✓ East West
Settling Pit If Existing, dat	te constructed:	1792 Feet from North / 🗸 South Line of Section
Workover Pit Haul-Off Pit Pit capacity:		425 Feet from 🗸 East / 🗌 West Line of Section
(If WP Supply API No. or Year Drilled)	(bbls)	Wilson County
s the pit located in a Sensitive Ground Water Area?	No	Chloride concentration: mg/l
s the bottom below ground level? Artificial Linera	<u> </u>	(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used?
	√ No	Self-sealing pit
Pit dimensions (all but working pits): 30' Lengti	h (feet)20'	Width (feet) N/A: Steel Pits
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure.	Describe proce	edures for periodic maintenance and determining RECEIVE NOTICE IVE KANSAS CORPORATION
Depth from ground level t	Describe proce	edures for periodic maintenance and determining RECEIVE NORMAN CORPORATION JUL 0 5 20 CONSERVATION DO
Depth from ground level t	Describe proce liner integrity, i	edures for periodic maintenance and determining FECEIVE KANSAS CORPORATION JUL 0 5 20 CONSERVATION DIN WICHITIA, KS
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure.	Describe proceliner integrity, in Depth to shallo Source of information	edures for periodic maintenance and determining FECEIVE KANSAS CORPORATION JUL 0 5 20 CONSERVATION DIN WICHITIA, KS
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure. Distance to nearest water well within one-mile of pit The feet Depth of water well	Describe proceed iner integrity, in the proceeding of the proceedi	edures for periodic maintenance and determining RECEIVE KANSAS CORPORATION JUL 0 5 20 CONSERVATION DIV WICHITA, KS Divest fresh water
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure. Distance to nearest water well within one-mile of pit feet Depth of water wellfeet	Describe proce liner integrity, in the process of t	conservation Divide the conservation: Conservation Divide the conservation of the c
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure. Distance to nearest water well within one-mile of pit Main feet	Describe proceed iner integrity, is seen in the proceed in the seen in the see	edures for periodic maintenance and determining RECEIVE KANSAS CORPORATION JUL 0 5 20 CONSERVATION DIV WICHITA, KS owest fresh water feet. rmation: ured well owner electric log KDWR over and Haul-Off Pits ONLY: al utilized in drilling/workover: Fresh Water Mud rking pits to be utilized: Two
Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure. Distance to nearest water well within one-mile of pit feet Depth of water well feet Emergency, Settling and Burn Pits ONLY: Producing Formation: Number of producing wells on lease: Barrels of fluid produced daily:	Describe proceed iner integrity, is seen integrity, is seen in the proceeding of the	conservation Divide the conservation: Conservation Divide the conservation of the c
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Depth from ground level to the pit is lined give a brief description of the liner material, thickness and installation procedure. Distance to nearest water well within one-mile of pit The feet Depth of water well feet 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 spilled fluids to flow into the pit? I hereby certify that the above statements are true a	Describe proceliner integrity, is proceed in the process of information of the process of the pr	conservation of the conservation will owner electric log Kower and Haul-Off Pits ONLY: all utilized in drilling/workover: Fresh Water Mud rking pits to be utilized: Two procedure: Let Evaporate until dry and then backfill be closed within 365 days of spud date.
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