For KCC Use: Effective Date:	7-10-06	
District #	}	
SGA? Yes	No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

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

Must be approved by KCC five	(5) days prior to commencing well
Expected Spud Date July 7, 2006	Spot ✓ East
month day year	NW Sec. 16 Twp. 31 S. R. 16 West
33365	1980 feet from N / ✓ S Line of Section
OPERATOR: License# 33365 V Name: Layne Energy Operating, LLC	660feet from E / V W Line of Section
1900 Shawnee Mission Parkway	Is SECTION ✓ Regular Irregular?
Address: City/State/Zip: Mission Woods, KS 66205	(Note: Locate well on the Section Plat on reverse side)
Contact Person: M. B. Nattrass	County: Montgomery
Phone: 913-748-3987	Lease Name: HoustonWell #: 12-16
	Field Name: Neodesha
CONTRACTOR: License# 33606 Name: Thorton Air	Is this a Prorated / Spaced Field?
Name: Thoron All	Target Formation(s): Cherokee Coals
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 660
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation: 781feet MSL
✓ Gas Storage Pool Ext. ✓ Air Rotary	Water well within one-quarter mile: ✓ Yes No Public water supply well within one mile: ✓ Yes ✓ No
OWWO Disposal Wildcat Cable	Public water supply well within one mile: Depth to bottom of fresh water: 150
Seismic;# of Holes Other	Depth to bottom of tresh water: 200
Other	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
	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore? Yes ✓ No	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:
AFF The undersigned hereby affirms that the drilling, completion and eventual p	IDAVIT KANSAS CORPORATION COMMISSION Lugging of this well will comply with K.S.A. 55 et. seq
It is agreed that the following minimum requirements will be met:	JUL _{0 5 2006}
 The appropriate district office will be notified before well is either plug If an ALTERNATE II COMPLETION, production pipe shall be cement Or pursuant to Appendix "B" - Eastern Kansas surface casing order 	ch drilling rig; CONSERVATION DIVISION by circulating cement to the top; in all cases surface properties at the service of the condensation. CONSERVATION DIVISION The conservation of
I hereby certify that the statements made herein are true and to the best of	f my knowledge and belief.
Date: 6/30/2006 Signature of Operator or Agent:	Title: Agent
	Remember to:
For KCC Use ONLY API # 15 - 125-3/148-000 Conductor pipe required None feet Minimum surface pipe required 20 feet per Alt. 1/2	 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 orders; Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed;
Approved by: 224 7-5-06	- Obtain written approval before disposing or injecting salt water.
1 6-07	- If this permit has expired (See: authorized expiration date) please
(This authorization expires: 7-3 0) (This authorization void if drilling not started within 6 months of effective date.)	check the box below and return to the address below. Well Not Drilled - Permit Expired
Spud date:Agent:	Signature of Operator or Agent:
Mall to: KCC Connectation Division 120	Date:

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- 625-31/48-0000	Location of Well: County: Montgomery
Operator: Layne Energy Operating, LLC	1980feet from N / V S Line of Section
Lease: Houston	660 feet from E / V W Line of Section
Well Number: 12-16	Sec. 16 Twp. 31 S. R. 16 Ves
Field: Neodesha	
Number of Acres attributable to well:	Is Section: ✓ Regular or Irregular
QTR / QTR / QTR of acreage: NW SW	If Section is irregular, locate well from nearest comer 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.)

	:	<u>.</u>					
RECEIVED KANSAS CORPORATION COMMISSIO		 					
JUL 0 5 2006						· ·	 <i>.</i>
CONSERVATION DIVISION WICHITA, KS							
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EXAMPLE		 	lo	<u>:</u> \	:		
				· · ·			العلما
1980	· · · ·	 			· · ·		300
3390'		 					
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SEWARD CO.		: ;					

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

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 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 C	perating, LL0	License Number: 33365		
			Mission Woods, KS 66205	
Contact Person: M. B. Nattrass		Phone Number: (913) 748 - 3987		
Lease Name & Well No.: Houston	12-16		Pit Location (QQQQ):	
Type of Pit:	Pit is:		<u>NW</u> . <u>SW</u>	
Emergency Pit Burn Pit	✓ Proposed	Existing	Sec16Twp31R16✓ East ☐ West	
Settling Pit	If Existing, date or	onstructed:	1980 Feet from North / 🗸 South Line of Section	
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		660 Feet from East / West Line of Section Montgomery County	
Is the pit located in a Sensitive Ground Water	r Area? Yes	No (bbls)	Chloride concentration:mg/l	
Is the bottom below ground level? Yes No	Artificial Liner? ☐ Yes ✓	No	(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used? Self-sealing pit	
Pit dimensions (all but working pits):	30' Length (fe		Width (feet) N/A: Steel Pits(feet)	
	la af aik	Doubt to shall	KANSAS CORPORATION COMMIS JUL (1 5 2006 CONSERVATION DIVISION West fresh water 48 S.C. feet. WICHITA, KS /	
Distance to nearest water well within one-mi		Source of information: measured well owner electric log KDWR Drilling, Workover and Haul-Off Pits ONLY:		
Emergency, Settling and Burn Pits ONLY	<u>'</u> :			
Producing Formation:		Type of material utilized in drilling/workover: Fresh Water Mud		
Number of producing wells on lease:		Number of working pits to be utilized: Two		
Barrels of fluid produced daily: Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		Abandonment procedure: Let Evaporate until dry and then backfill restore. Drill pits must be closed within 365 days of spud date. correct to the best of my knowledge and belief.		
I hereby certify that the above sta	tements are true and o	·		
6/30/2006 Date		MBA	ignature of Applicant or Agent	
	KCC	OFFICE USE O	NLY	
Date Received: 7/5/06 Permit Nu	mber:	Репп	it Date: 7/5/06 Lease Inspection: Yes +No	