# For KCC Use: 5-24-06 Effective Date: 5-24-06 District # 3 SGA? Yes X No

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

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

Sput Date   May 24, 2006   Sput Date   May 24,		
OPERATOR: Uconses 33365 Name. Layone Energy Operating, LLC Address: 1900 Shawnee Mission Parkway Address: 19	Expected Soud Date May 24, 2006	Snot
Section   Sect	month day year	
Address: 1900 Shawnes Mission Performance   Control   E /   W   Line of Section   Address: 1900 Shawnes Mission Performance   Control   E /   W   Line of Section   Address: 1900 Shawnes Mission Performance   Control   E /   W   Line of Section   Address: 1900 Shawnes Mission Performance   Control   E /   W   Line of Section   Control   E /   W   Line of Section   Control   E /	33365	
SeCTION	OPERATOR: License# Goods License# Licen	
Colored Peacon M. B. Nattrass   Content Peacon M. B. Nattrass	Name: 1900 Shawnee Mission Parkway	Is SECTION Regular Irregular?
Contractor Person. M. 9. Natitables  County: Wilson.  Contractor Contractor Licenses 33806  Name: Thorntion Air  Well Drilled For:  Well No.  Depth to bottom of treat water. 150  Surface Pipe by Alternate. 100  Surface Pipe by Alternate. 1	Address: Mission Woods, KS 66205	
Lease Name: JD Friess   JD Friess   West # 9-28	Control Barras, M. B. Nattrass	
CONTRACTOR: Licenses 33606  Name: Thornton Air  Well Drilled For: Well Class: Type Equipment: Must Political For Well Class: Type Equipment: Amust Promised Spaced Field?  Target Formation(s): Detrorkee Coals  Namest Lease or unit boundary. 3937  Ground Surface Elevation. 9507  Ground Surface Elevation. 9507  Water well within one-quarter mile: Ves Vino Depth to bottom of usable water. 200  Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned to be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface Pipe Planned To be set: 207  Length of Surface	Phone: 913-748-3987	Lease Name: JD Friess Well #: 6-28
Is this a Pronted A Spaced Field?   Ves   No	Priorie.	Field Name: Neodesha
Target Formation(s);   Cheritoree Goals   Content to deal   Cont	CONTRACTOR: License# 33606	Is this a Prorated / Spaced Field? Yes   ✓ No **
Nearest Lease or unit boundary: 933   Nearest Lease or unit boundary: 934   Nearest Lease or unit boundary: 934   Nearest Lease or unit boundary: 935   Nearest Lease or unit boundary	Name: I nomton Air	Target Formation(s): Cherokee Coals
Ground Surface Elevation: 950"   Serial Surface Surf	Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary: 933'
Gas		
OWO   Disposal   Other   Cable   Other   Disposal   Other   Disposal   Other   Other   Disposal   Disposal   Other   Other   Other   Disposal   Disposal   Other   Other   Disposal   Disposal   Disposal   Other   Disposal   Dispos		
Seismic;    of Holes		
Other   Surface Pipe by Alternate:   1   2   2   2   2   2   2   2   2   2		
If OWWO: old well information as follows:  Operator:  Well Name:  Original Completion Date:  Original Total Depth:  Original Completion Date:  Original Completion Date:  Original Completion Date:  Original Completion Date:  Original Date:  Original Completion Date		·
Operator:  Well Name: Original Completion Date: Original Total Depth:: Original Completion Date:  Original Completion Date: Original Total Depth: Water Source for Date: Well Notling Operations:  Water Source for Date: Well Farm Pond Other X  DWR Permit #:  Water Source for Date: Well Notling Operations:  Water So		Surface Pipe by Alternate: 1 2
Well Name: Original Completion Date: Origina	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Original Completion Date: Original Total Depth: Water Source for Drilling Operations:    Water Source for Drilling Operations:   Water Source for Drilling Operation Operation Operation on Drilling it is agreed that the following minimum end of Drilling it is agreed that the following minimum end of Drilling of Source for Drilling Operation on Drilling Operation Operation Operation Operation Operation Drilling Operation Ope	•	Projected Total Death: 1200 Feet
Directional, Deviated or Horizontal wellbore?		Formation at Total Depth: Mississippian
If Yes, true vertical depth::	Original Completion Date:Original Total Depth:	
DWR Permit #:   DWR Permit #:   DWR Permit ##   DWR	Directional, Deviated or Horizontal wellbore?	
Will Cores be taken?  If Yes, proposed zone:  FYZCEIVED  AFFIDAVIT  KANSAS CORPORATION COMMISSION  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will compty with K.S.A. 55 et. seq. MAY 1 9 2006  It is agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating coment to the top; in all cases surface pipe thinks is set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.  4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;  5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;  6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 days of spud date.  Or pursuant to Appendix "B" - Eastern Kansas surface casing order #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 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.  Per KCC Use ONLY  API # 15 - 205 - 2643 - 2000  Approved by: Pets 5-19-06  Title: Agent  Remember to:  - File Origin Pid Application (form CDP-1) with intent to Drill;  - File Completion Form ACO-1 within 120 days of spud date;  - File Completion Form ACO-1 within 120 days of spud date;  - File Completion Form ACO-1 within 120 days of spud date;  - File Completion Form ACO-1 within 120 days of spud date;  - File completion Form ACO-1 within 120 days of spud date;  - File Completion Form ACO-1 within 120 days of spud date;  - File Comple	If Yes, true vertical depth:	DWR Permit #:
If Yes, proposed zone:  RECEIVED  AFFIDAVIT  KANSAS CORPORATION COMMISSION  The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. MAY 1 9 2006  It is agreed that the following minimum requirements will be met:  1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating coment to the top; in all cases surface pipe in through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.  4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;  5. The appropriate district office will be notified before well is either plugged or production casing is comented in;  6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any suble water to surface within 120 days of spud date.  Or pursuant to Appendix "B" - Eastern Kansas surface casing order #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 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.  Port KCC Use ONLY  API # 15 - 205 - 2643-2000  Approved by: PLOS - 19-06  This authorization expires: II - 19-06  This authorization expires: II - 19-06  This authorization void if drilling not started within 6 months of approval date.)  Spud date:  Agent:  AFFIDAVIT  KANSAS CORPORATION DIVISION  CONSERVATION DIVISION  CON	Bottom Hole Location:	(Note: Apply for Permit with DWR )
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I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: 5 / 8 06 Signature of Operator or Agent: Title: Agent  For KCC Use ONLY  API # 15 - 205 - 26643-0000  Conductor pipe required None feet per Alt. 120 Approved by: 244 5-19-06  This authorization expires: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	6. If an ALTERNATE II COMPLETION, production pipe shall be cement	ted from below any usable water to surface within 120 days of spud date.
Poster   Signature of Operator or Agent:   Signature of Operator or Agent:   Title: Agent		
For KCC Use ONLY  API # 15 - 205 - 26643-0000  Conductor pipe required None feet per Alt. V2  Approved by: 164 5-19-06  This authorization expires: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent:  Fire CC Use ONLY  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;  Obtain written approval before disposing or injecting salt water.  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:	must be completed within 30 days of the could date or the well shall	he alwayed. In all cases, NOTIEV district office prior to any competing
For KCC Use ONLY  API # 15 - 205 - 26443-0000  Conductor pipe required None feet per Alt. 120  Approved by: 1-19-06  This authorization expires: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date:Agent:	•	
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For KCC Use ONLY  API # 15 - 205-26443-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. 120  Approved by: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date:Agent:	I hereby certify that the statements made herein are true and to the best of	f my knowledge and belief.
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Minimum surface pipe required 20 feet per Alt. 12  Approved by: 2c+ 5-14-06  This authorization expires: 11-14-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date:Agent:	Date: 5/8/06 Signature of Operator or Agent: For KCC Use ONLY	f my knowledge and belief.  Title: Agent  Remember to: - File Drill Pit Application (form CDP-1) with Intent to Drill;
Approved by: PLOF 5-19-06  This authorization expires: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)  Spud date:Agent:	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: ME  For KCC Use ONLY  API # 15 - 205-26643-0000	f my knowledge and belief.  Title: Agent  Remember to: - File Drill Pit Application (form CDP-1) with Intent to Drill;
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This authorization expires: 11-19-09  (This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Signature of Operator or Agent: Signature of Oper	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: ME  For KCC Use ONLY  API # 15 - 205-26443-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. 12	Title: Agent  Remember to:  - 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;
(This authorization void if drilling not started within 6 months of approval date.)  Spud date: Agent: Signature of Operator or Agent: Signature or Sign	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: MC  For KCC Use ONLY  API # 15 - 205 - 26443-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. \$\forall 2\)  Approved by: \$\forall 264 5 - 19-06	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;  Obtain written approval before disposing or injecting salt water.
Spud date:Agent:Signature of Operator or Agent:	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: MC  For KCC Use ONLY  API # 15 - 205 - 26643-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. 1/2  Approved by: 1/2-19-06  This authorization expires: 1/-19-06	Title: Agent  Remember to:  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; Obtain written approval before disposing or injecting salt water.  If this permit has expired (See: authorized expiration date) please
	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: MC  For KCC Use ONLY  API # 15 - 205 - 26643-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. 1/2  Approved by: 1/2-19-06  This authorization expires: 1/-19-06	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;  Obtain written approval before disposing or injecting salt water.  If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.
	I hereby certify that the statements made herein are true and to the best of Date: 5/8/06 Signature of Operator or Agent: MC  For KCC Use ONLY  API # 15 - 205 - 26643-0000  Conductor pipe required None feet  Minimum surface pipe required 20 feet per Alt. V2  Approved by: 2664-5-19-06  This authorization expires: 11-19-06  (This authorization void if drilling not started within 6 months of approval date.)	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;  Obtain written approval before disposing or injecting salt water.  If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.  Welf Not Drilled - Permit Expired

#### 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.

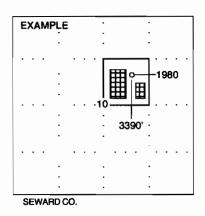
API No. 15 205-26643-0000	Location of Well: County: Wilson
Operator: Layne Energy Operating, LLC	1980feet from V N / S Line of Section
Lease: JD Friess	1980 feet from E / ✓ W Line of Section
Well Number: 6-28	Sec. 28 Twp. 30 S. R. 17 Fast West
Field: Neodesha	
Number of Acres attributable to well:	Is Section: 📝 Regular or 🔲 Irregular
QTR / QTR of acreage: SE NW	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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: 1980	2	8	· · · · · · · · · · · · · · · · · · ·
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KANSAS CORPORATION COMMISSION
MAY 1 9 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:

- 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.
- 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).

### Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 April 2004 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

<u> </u>			
Operator Name: Layne Energy O	perating, LLC		License Number: 33365
Operator Address: 1900 Shawne	e Mission P	arkway,	Mission Woods, KS 66205
Contact Person: M. B. Nattrass		Phone Number: ( 913 ) 748 - 3987	
Lease Name & Well No.: JD Friess 6-28			Pit Location (QQQQ):
Type of Pit:	Pit is:		<u>SE</u> . <u>NW</u>
Emergency Pit Burn Pit	<b>✓</b> Proposed	Existing	Sec28_Twp30R17
Settling Pit	If Existing, date cons	structed:	1980 Feet from North / South Line of Section
Workover Pit Haul-Off Pit			1980 Feet from East / 📝 West Line of Section
(If WP Supply API No. or Year Drilled)	Pit capacity:	(LLI-)	Wilson
		(bbls)	County
Is the pit located in a Sensitive Ground Water	Area? 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	☐ Yes ✓ No	•	Self-Sealing
Pit dimensions (all but working pits):	BO' Length (feet)	20'	Width (feet) N/A: Steel Pits
	rom ground level to deep		(feet)
If the pit is lined give a brief description of the	e liner	Describe proce	dures for periodic maintenance and determining RECEIVE KANSAS CORPORATION  MAY 1 9 2
If the pit is lined give a brief description of the	e liner	Describe proce	ncluding any special monitoring.
If the pit is lined give a brief description of the material, thickness and installation procedure	e liner e.	Describe proce liner integrity, in	CONSERVATION D WICHITA, KS
If the pit is lined give a brief description of the material, thickness and installation procedure	e liner e.	Describe proce liner integrity, in Depth to shallo Source of infor	CONSERVATION D WICHITA, KS
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