For KCC Use: Effective Date: District #_ SGA? XYes 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

Specified Spud Date June 15, 2007 Month of y year Specified Spud Date June 15, 2007 Month of y year Specified Spud Date June 15, 2007 Month of y year Specified Spud Date June 15, 2007 Month of Specified Date June 15, 2007 Month of Specifie	Must be approved by KCC five	(5) days prior to commencing well	
OPERATOR:	Expected Spud Date June 15, 2007		East
Address: 1900 Shawmore Mispoor Performery Address: 1900 Shawmore Mispoor 1900 Shawmore Mis	month day year		West
Name: Layne Energy Operating. LEC Address: 1905 Shawmee Mission Parkway ChryStartOrig. Mission Woods, KS 66205 ChryStartOrig. Mission Woods, KS 66205 Contract Person. M. Beren Nattrass Phone: 913-748-3990 CONTRACTOR. Lionsee 3360B Name: Thornton Air Well Drilled For Well Class: Well Drilled For Well Class: Type Equipment: Ord	ODEDATOR: License# 33365		
SeCTION Flegular Iniquitary Iniquitary Iniquitary Iniquitary Initiative Initiati	Name Lavne Energy Operating, LLC	leet from Feet from 2 / ¥ W Line of Sec	tion
County Montgomery County Well Min No County Montgomery County Mont	1900 Shawnee Mission Parkway	is SECTIONRegularIrregular?	
County Monagemery Field Name. Taylor Well Drilled For Well Class. Type Equipment: Oil Enh Rec Interfer For Well Class. Type Equipment: Oil Enh Rec Interfer Mud Rotary GNAD Disposal Other Other Other Other Other Other Other Office of Comparity Well Middat Operator Well Middat Organia Completion Date: Organia Total Depth: Well Strace Pipe By Alternate: Organia Completion Date: Organia Total Depth: Well Crass be taken? Will Cores be taken? I ves [No.] No. Yes [No.] AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 5s at Marks Scorporation Commission of the approved notice of inlant to diff abut the person of insent to diff abut the person of making and the posted on each drilling rig: 3. The minimum amount of surface pipe as specified below while the set by circulating cement to the top; in all cases surface within 20 days of the spud date or the well abut the confidence of the set by circulating cement to the top; in all cases surface within 20 days of the spud date or the well abut the confidence of the surface pipe as specified below while the set by circulating cement to the top; in all cases surface within 20 days of the spud date or the well abut the confidence of the surface pipe as specified below well is other plugged or production casing is cemented in a area, attended to prove completed within 20 days of the spud date or the well shall be posted or offer at 18 date; a date of the spud date or the well shall be proved to office at the top; and surface pipe as surface casing order at 33.881-4, wh	Address: Mission Woods, KS 66205	(Note: Locate well on the Section Plat on reverse side)	
ContractOric Licenses 33606 Sinhamo Cherokee Basin Coal Sinh	City/State/Zip:M. Brent Nattrass	County: Montgomery	
CONTRACTOR: Licenses 33606 Start Control Start	Ph 913-748-3960	Lease Name. Taylor Well #: 14-36	
Section Sect		Field Name. Cherokee Basin Coal	
Target Formation(s): Cherk/kee Coals Target Formation	CONTRACTOR: License# 33606		✓ No
Well Drilled For Well Class: Type Equipment: Nearest Lease or unit boundary: 400'	Name: Thornton Air		<u> </u>
Constitution Cons		Nearest Lease or unit boundary: 400'	
Gal Enh Rec Indied Muld Rolary Gas Storage Pool Ext. Gale Storage Pool Ext. Gale Seismic:	Well Drilled For: Well Class: Type Equipment:		et MSL
Gas Storage Pool Ert. Wildcar Cable Cable Wildcar Cable Cabl	Oil Enh Rec 🗸 Infield 🔵 Mud Rotary		
Depth to bottom of treath water. 1507	Gas Storage Pool Ext. Air Rotary		
Selsmic:# of Holes Other	OWWO Disposal Wildcat Cable		<u>•</u>
Surface Pipe by Alternate:	Seismic;# of Holes Other	Depth to bottom of usable water 200-150	
Mowey Comment Commen	Other		
Operator: Well Name: Original Completion Date: Original Total Depth: Directional. Deviated or Horizontal wellbore? If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: Water Source for Drilling Operations: Water		Length of Surface Pine Planned to be set: 20'	
Well Name: Original Completion Date: Origina		Length of Conductor Pipe required: None	
Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Directional, Deviated or Horizontal wellbore?	·		
Water Source for Drilling Operations: Water Source for Supply for Permit with DWR DW	· · · · · · · · · · · · · · · · · · ·	Formation at Total Depth: Mississippian	
Yes No Well Farm Pond Other DWR Permit #: DWR Permit #: DWR Permit #: DWR Permit	Original Completion Date:Original lotal Depth:		
DWR Pormit #: DWR Pormit #: DWR Pormit #: DWR Pormit with DWR	Directional, Deviated or Horizontal wellbore? Yes ✓ No		
Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes No Note: Apply for Permit with DWR Yes No No Note: Apply for Permit with DWR Yes Note: Apply for Permit with Paple for paple f	· · · · · · · · · · · · · · · · · · ·)
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1. Notify the appropriate district office prior to spudding of well; 2. A copy of the appropriate district office prior to spudding of well; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe 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 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. Date: June 8, 2007 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 13383 DOD Approved by: 15-10-7 This authorization expires: 12-11-07 This authorization expires: 12-11-07 This authorization expires: 12-11-07 This authorization void it drilling not started within 6 months of approval date.) Spud date: Agent: 49-10-10-10-10-10-10-10-10-10-10-10-10-10-	AFF	DAVIT RECEIVE	COMMISSI
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Title: Agent	Or pursuant to Appendix "B" - Eastern Kansas surface casing order	#133,891-C, which applies to the KCC District 3 area, alternate II cer	nenting
For KCC Use ONLY API # 15 - 25 - 3/383 - DODD Conductor pipe required None feet Minimum surface pipe required feet per Alt. (2) Approved by: Lab 6-11-07 This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: 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 check the box below and return to the address below. Well Not Drilled - Permit Expired Signature of Operator or Agent:			ing.
For KCC Use ONLY API # 15 - 125 - 3/383 - DODO Conductor pipe required None feet Minimum surface pipe required feet per Alt. 12 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	I hereby certify that the statements made herein are true and to the best o	f my knowledge and belief.	
For KCC Use ONLY API # 15 - 125 - 3/383 - DODO Conductor pipe required None feet Minimum surface pipe required feet per Alt. 12 - 15 - 15 - 15 - 15 - 15 - 15 - 15 -	lung 8, 2007	Agent	
For KCC Use ONLY API # 15 - 125 - 3/383 - DODO Conductor pipe required Nore feet Minimum surface pipe required feet per Alt. 12 Approved by: 12-11-07 This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent: 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:	Date: June 6, 2007 Signature of Operator or Agent:	Title: Tigoni	
API # 15 - 125 - 3/383 - DODO Conductor pipe required None feet Minimum surface pipe required feet per Alt. 12 Approved by: 12-11-07 This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent: 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:		Remember to:	
Conductor pipe required None feet Minimum surface pipe required feet feet per Alt. 2 Approved by: **Def I - 07** This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent:	For KCC Use ONLY	 File Drill Pit Application (form CDP-1) with Intent to Drill; 	L
Conductor pipe required None feet Minimum surface pipe required feet feet per Alt. 2 Approved by: **Def I - 07** This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent:	API # 15 - 25 - 31383 - COO		Ç,
Minimum surface pipe required	l Alana I		6
Approved by:	20		у;
This authorization expires: 12-11-07 (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent: Signature of Operator or Agent: Signature of Op	Minimum surface pipe required feet per Att. / L. /		1
This authorization expires: Check the box below and return to the address below. (This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent: Signature of Operator or Agent:			(m
(This authorization void if drilling not started within 6 months of approval date.) Spud date: Agent: Signature of Operator or Agent:			22
Spud date: Agent: Signature of Operator or Agent:	(This authorization void if drilling not started within 6 months of approval date.)		-
- Opad data.			Ţ
Date.	Spud date: Agent:	<u> </u>	- 7
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas, 67202	<u> </u>	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 - 125 - 3/383-0000	Location of Well: County: Montgomery
Operator: Layne Energy Operating, LLC	402feet from N / ✓ S Line of Section
Lease: Taylor	1720 feet from ☐ E / 🗸 W Line of Section
Well Number: 14-36 Field: Cherokee Basin Coal	Sec. 36 Twp. 32 S. R. 16 Ves
Number of Acres attributable to well: QTR / QTR / QTR of acreage:	Is Section: Regular or Irregular 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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EXAMPLE	: :
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	3390'
	RECEIVED
SEWARD CO.	KANSAS CORPORATION COMMISSION

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

CONSERVATION DIVISION WICHITA, KS

JUN 1 1 2007

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.
- 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 wetts; 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, LLC		License Number: 33365			
Operator Address: 1900 Shawnee Mission Parkway, N			Mission Woods, KS 66205		
Contact Person: M. Brent Nattrass		Phone Number: (913) 748 - 3960			
Lease Name & Well No.: Taylor 14-			Pit Location (QQQQ):		
Type of Pit:	Pit is:		<u>SESW</u>		
Emergency Pit Burn Pit		Existing	Sec. 36 Twp. 32 R. 16 V East West		
Settling Pit	If Existing, date of	onstructed:	402 Feet from North / South Line of Section		
Workover Pit Haul-Off Pit	Pit capacity:		Feet from East / 🗸 West Line of Section		
(If WP Supply API No. or Year Drilled)		(bbls)	Montgomery County		
Is the pit located in a Sensitive Ground Water	Area? 🗸 Yes] No	Chloride concentration: mg/l		
1. No feeting below around locally	Artificial Liner?		(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used?		
is the bottom below ground level? Ves No	Yes 🗸	No	Self-Sealing		
Pit dimensions (all but working pits):			Width (feet) N/A: Steel Pits		
Depth fr	om ground level to de	eepest point: 3"	(feet)		
If the pit is lined give a brief description of the			edures for periodic maintenance and determining ncluding any special monitoring.		
material, thickness and installation procedure	·.	mier integrity, i	iduality any special infolitionity.		
		Depth to shallo Source of infor	west fresh waterfeet. mation:		
nonefeet Depth of water wellfeet		measu	iredwell owner electric logKDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:		
		Type of materia	Type of material utilized in drilling/workover: Fresh Water Mud		
			orking pits to be utilized: Two		
		Abandonment	ent procedure: Let evaporate until dry, then backfill		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		and restore			
		Drill pits must be closed within 365 days of spud date. RECEIVED			
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. KANSAS CORPORATION COMMISSION					
JUN 1 1 2007					
June 8, 2007		US Non	The state of the s		
Date	-	S	ignature of Applicant or Agent CONSERVATION DIVISION WICHITA KS		
KCC OFFICE USE ONLY					
Date Received: <u>C/u/c7</u> Permit Num	ber:	Perm	it Date: 6 ((o7 Lease Inspection: Yes X No		