For KCC Use:

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

Expected Spud Date June 15, 2007 month day year	Spot SE Sec. 20' Twp. 30' S. R. 17 West ■ East West
33365	1791feet from N / \script S Line of Section
OPERATOR: License# 33365 Name: Layne Energy Operating, LLC	350feet from 🗸 E / 🗌 W Line of Section
Address: 1900 Shawnee Mission Parkway	is SECTION <u>✓ RegularIrregular?</u>
Address: Mission Woods, KS 66205	(Note: Locate well on the Section Plat on reverse side)
City/State/Zip: M. Brent Nattrass	County: Wilson
Contact Person: M. Brent Nattrass Phone: 913-748-3960	Lease Name: Worthy Well #: 9-20
	Field Name: Cherokee Basin Coal
CONTRACTOR: License# 33606	Is this a Prorated / Spaced Field?
Name: Thornton Air	Target Formation(s): Cherokee Coals
Tighte.	Nearest Lease or unit boundary: 350'
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation: 951 feet MSL
Oil Enh Rec / Infield Mud Rotary	Water well within one-quarter mile: Yes ✓ No
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile: Yes VNo
OWWO Disposal Wildcat Cable	Depth to bottom of fresh water: 150'
Seismic;# of Holes Other	Depth to bottom of usable water: 200 (50)
Other	
	Surface Pipe by Alternate: 1 2 2 Length of Surface Pipe Planned to be set: 20'
If OWWO: old well information as follows:	Length of Conductor Pipe required: None
Operator:	Projected Total Depth: 1200'
Well Name:	Formation at Total Depth: Mississippian
Original Completion Date:Original Total Depth:	
Directional, Deviated or Horizontal wellbore? Yes ✓ No	Water Source for Drilling Operations: 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	RECEIVED KANSAS CORPORATION COMMISSION
	IDAVIT KANSAS CORPORATION COMMISSION
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.
The undersigned hereby affirms that the drilling, completion and eventual p It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well;	IDAVIT KANSAS CORPORATION COMMISSION lugging of this well will comply with K.S.A. 55 et. seq. JUN 1 1 2007
The undersigned hereby affirms that the drilling, completion and eventual p It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on ea 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the surface pipe as specified below shall be second of the well is dry hole, an agreement between the operator and the constitution of the surface district office will be notified before well is either plus that all the surface pipe shall be cement or pursuant to Appendix "B" - Eastern Kansas surface casing order	IDAVIT KANSAS CORPORATION COMMISSION lugging of this well will comply with K.S.A. 55 et. seq. JUN 1 1 2007 ch drilling rig; CONSERVATION DIVISION et by circulating cement to the top; in all cases surface 如识中的自己的。 the underlying formation. district office on plug length and placement is necessary prior to plugging;
The undersigned hereby affirms that the drilling, completion and eventual p It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on ea. 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the well is dry hole, an agreement between the operator and the constant of the second o	IDAVIT KANSAS CORPORATION COMMISSION lugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 ch drilling rig; CONSERVATION DIVISION et by circulating cement to the top; in all cases surface pippinhams set the underlying formation. district office on plug length and placement is necessary prior to plugging; gged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate It cementing be plugged. In all cases, NOTIFY district office prior to any cementing.
The undersigned hereby affirms that the drilling, completion and eventual p It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on ea. 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the constant of the set	IDAVIT KANSAS CORPORATION COMMISSION lugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 ch drilling rig; CONSERVATION DIVISION et by circulating cement to the top; in all cases surface with the underlying formation. district office on plug length and placement is necessary prior to plugging; aged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate It cementing be plugged. In all cases, NOTIFY district office prior to any cementing.
The undersigned hereby affirms that the drilling, completion and eventual p It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on ea. 3. The minimum amount of surface pipe as specified below <i>shall be se</i> through all unconsolidated materials plus a minimum of 20 feet into the second of the well is dry hole, an agreement between the operator and the constant of the second of	IDAVIT KANSAS CORPORATION COMMISSION lugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 ch drilling rig; CONSERVATION DIVISION et by circulating cement to the top; in all cases surface pippinhams set the underlying formation. district office on plug length and placement is necessary prior to plugging; gged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief.
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea 3. The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the construction of the set of the set of the well is either plus. 6. If an ALTERNATE II COMPLETION, production pipe shall be cement or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and to the best of Date: June 8, 2007 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 205 - 27218-0000 Conductor pipe required Nove feet Minimum surface pipe required feet per Ait.	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Inch drilling rig; CONSERVATION DIVISION The underlying formation. Idistrict office on plug length and placement is necessary prior to plugging; Igged or production casing is cemented in; Ited from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. 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;
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea 3. The minimum amount of surface pipe as specified below shall be se through all unconsolidated materials plus a minimum of 20 feet into the second shall be second to the well is dry hole, an agreement between the operator and the construction of the specified below shall be composed to the well is either plus of the spuriant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and to the best of the spuriant to Appendix "B" - Signature of Operator or Agent: For KCC Use ONLY	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Ch drilling rig; CONSERVATION DIVISION by circulating cement to the top; in all cases surface pirenthalise set the underlying formation. district office on plug length and placement is necessary prior to plugging; aged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate It cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. 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.
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea. 3. The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the set of the well is dry hole, an agreement between the operator and the construction of the set of t	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Inch drilling rig; CONSERVATION DIVISION The underlying formation. Idistrict office on plug length and placement is necessary prior to plugging; Igged or production casing is cemented in; Ited from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. 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
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea 3. The minimum amount of surface pipe as specified below shall be se through all unconsolidated materials plus a minimum of 20 feet into the second shall be second to the well is dry hole, an agreement between the operator and the construction of the specified below shall be composed to the well is either plus of the spuriant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall thereby certify that the statements made herein are true and to the best of the spuriant to Appendix "B" - Signature of Operator or Agent: For KCC Use ONLY	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Ch drilling rig; CONSERVATION DIVISION by circulating cement to the top; in all cases surface pirchetals set he underlying formation. district office on plug length and placement is necessary prior to plugging; ged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate If cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. 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.
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea. 3. The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set through all unconsolidated materials plus a minimum of 20 feet into the set of the well is driven and the construction propriate district office will be notified before well is either plus or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall be thereby certify that the statements made herein are true and to the best of Date: June 8, 2007	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Inch drilling rig; CONSERVATION DIVISION by circulating cement to the top; in all cases surface pipelina set to be underlying formation. Idistrict office on plug length and placement is necessary prior to plugging; goed or production casing is cemented in; led from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. 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
The undersigned hereby affirms that the drilling, completion and eventual p 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 ea. 3. The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into to the defense of the well is dry hole, an agreement between the operator and the construction of the defense well is either plus of the appropriate district office will be notified before well is either plus or pursuant to Appendix "B" - Eastern Kansas surface casing order must be completed within 30 days of the spud date or the well shall hereby certify that the statements made herein are true and to the best of Date: June 8, 2007	IDAVIT Iugging of this well will comply with K.S.A. 55 et. seq. JUN 1 2007 Ch drilling rig; CONSERVATION DIVISION by circulating cement to the top; in all cases surface pippinhams set the underlying formation. district office on plug length and placement is necessary prior to plugging; ged or production casing is cemented in; ted from below any usable water to surface within 120 days of spud date. #133,891-C, which applies to the KCC District 3 area, alternate II cementing be plugged. In all cases, NOTIFY district office prior to any cementing. If my knowledge and belief. File Drill Pit Application (form CDP-1) with Intent to Drill; 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.

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.

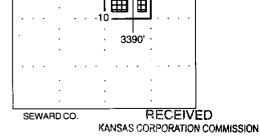
API No. 15 - 205-27218-0000	Location of Well: County: Wilson
Operator: Layne Energy Operating, LLC	1791 feet from N / V S Line of Section
Lease: Worthy	350 feet from ✓ E / W Line of Section
Well Number: 9-20	Sec. <u>20'</u> Twp. <u>30'</u> S. R. <u>17</u> East Wes
Field: Cherokee Basin Coal	
Number of Acres attributable to well: NE SE	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.)

119]					
350			. 1		
350					
350			٠ í		
350				_	
350	•	•	·		•
350					
350					
350			i		
350			!		
350	•	•	• 1	•	•
350	_		. 1		
350	•	•			
350			.		
350					
350					
350					
350	•	•	٠		•
350			.		
350		•	ļ		
350			.	•	
350	•				
350					
350					
350		•	ļ	-	•
350			.		
350		•			
350			. ,		
350					
350	•	•	•	•	•
350					
	•			•	•
			4		
	,		.		
					350
				_	
		•	•	,	6
		-	.		
1191'					1
1191'	,		.		· 1
1191'					
1191'					
: : : : : : : : : : : : : : : : : : : :					
[] [] [] [] [] [] [] [] [] []	-	-			
					1001
	1				1/1911
		•		'	
	1			l	
				1	
				·	•
				l .	
		•	•	Ι '	
		_			
		-			
		•			



EXAMPLE

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

JUN 1 1 2007

1980

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

CONSERVATION DIVISION

- 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, KS 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, LLC		License Number: 33365		
Operator Address: 1900 Shawnee Mission Parkway, Mission Woods, KS 66205				
Contact Person: M. Brent Nattrass		Phone Number: (913) 748 - 3960		
Lease Name & Well No.: Worthy 9-2			Pit Location (QQQQ):	
Type of Pit:	Pit is:		NE <u>SE_</u>	
Emergency Pit Bum Pit	Proposed Existing		Sec. 20' Twp. 30' R. 17	
Settling Pit	If Existing, date constructed:		1791 Feet from North / 🗸 South Line of Section	
Workover Pit Haul-Off Pit	Pit capacity:		350' Feet from 🗸 East / 🗌 West Line of Section	
(if WP Supply API No. or Year Drilled)		(bbls)	Wilson County	
Is the pit located in a Sensitive Ground Water	Area? ☐ Yes ✓	No	Chloride concentration: mg/l	
is the bottom below ground level?	Artificial Liner?		(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used?	
✓ Yes No	☐ Yes 🗸	No	Self-Sealing	
Pit dimensions (all but working pits):	0' Length (fe	eet) 20'	Width (feet) N/A: Steel Pits	
Depth fr	om ground level to de	epest point: 3'_	(feet)	
If the pit is lined give a brief description of the material, thickness and installation procedure			edures for periodic maintenance and determining ncluding any special monitoring.	
Distance to nearest water well within one-mile	e of pit	Depth to shallo Source of info	owest fresh waterfeet.	
-none feet Depth of water well	**		uredwell owner electric logKDWR	
Emergency, Settling and Burn Pits ONLY: Drilling, Workover and Haul-Off Pits ONLY:		l:		
Producing Formation: Type of material		al utilized in drilling/workover: <u>Fresh Water Mud</u>		
Number of producing wells on lease: Number of wo		rking pits to be utilized: Two		
Barrels of fluid produced daily:	Abandonment procedure: Let evaporate until dry, then backfill		procedure: Let evaporate until dry, then backlill	
Does the slope from the tank battery allow al flow into the pit? Yes No	all spilled fluids to Drill pits must be closed within 365 days of spud date.		be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. KANSAS CORPORATION COMMISSI				
June 8, 2007 Date		MB N	JUN 1 1 2007 Signature of Applicant or Agent CONSERVATION DIVISION WICHITA, KS	
KCC OFFICE USE ONLY				
Date Received: 4/11/07 Permit Nun	nber:	Perm	nit Date: 4 II G7 Lease Inspection: Yes K No	