1-23-06 For KCC Use: Effective Date: District #_ SGA? X Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION NOTICE OF INTERVEN

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

Ш

OPERATOR: License# 33365 Name: Layne Energy Operating, LLC Address: 1900 Shawnee Mission Parkway City/State/Zip: Mission Woods, KS 66205 Contact Person: M. B. Nattrass Phone: 913-748-3987 CONTRACTOR: License# 33606 CONTRACTOR: License# 33606 Well Drilled For: Well Class: Type Equipment: Well Drilled For: Well Class: Type Equipment: Oil Enh Rec / Infield Mud Rotary SW. SW. Sec. 16 Twp. 32 S. R. 16 West West West West SECTION - Regular Irregular? (Note: Locate well on the Section Plat on reverse side) County: Montgomery Lease Name: Casey Field Name: Brewster Is this a Prorated / Spaced Field? Target Formation(s): Cherokee Coals Nearest Lease or unit boundary: 350 Ground Surface Elevation: 785 Feet MSL	Expected Spud Date January 22, 2006	Seet	✓ Fact
COPERATOR: Licenaee 33505 Section Name Layne Energy Operating, LIC Address. 1900 Shawnee Mission Partoway Address. 1900 Shawnee	Expected Spot Date	sw sw - 16 - 32 - 16	✓ East
Name Layre Energy Operating, LLC Address_1905 Shawnere Mission Partway Address_1905 Shawnere Mission Partway Address_1905 Shawnere Mission Partway Address_1905 Shawnere Mission Partway Contact Person. M. 8. Natinass Control Person. M. 8. Natinass Well Dillete For. Well Class: Type Equipment. Oil			
Name: Layne Energy Operating, LCD Address: 1908 Designation (1909) In Section Parkway In Section Parkway	OPERATOR: License# 33365		
Conservation Division Conservation Division County	Name: Layne Energy Operating, LLC		ection
Contact Person: M. B. Natitrass ANSAS CORPORATION COMMISSION Phone: 915-748-3987 JAN 1 8 2006 CONTRACTOR: Loenses 33606 Name: Thorton Air Well Drilled For: Well Class: Type Equipment:	Address: 1900 Snawnee Mission Parkway	IS SECTIONHegularIrregular?	
CONTRACTOR: Learnese 33606 Well Dilload For: Well Class: Type Equipment: Michigan State	City/State/Zip:		
CONTRACTOR: Licensee 38066 Name: Thorton Air Well Dritted For: Well Class: Type Equipment: Will Dritted For: Well Class: Type Equipment: Well Dritted For: Well Class: Well Will Dritted For: Well Class: Well Class: Well Will Dritted For: Well Class: Well Class	Contact Person: W. C. Hamado	County: Workgothery	
Source Contract Conservation Division Single Conservation Conservation Division Single Conservation Conservatio	Phone: 913-748-3987 JAN 18 2006		6
Name Florton Air Well Class Type Equipment Toylor Toyl	CONTRACTOR: 1: 33606	Field Name: Brewster	
Well Drilled For: Well Class: Type Equipment: Search Sea	Name: Thorton Air CONSERVATION DIVISION		s 🗸 No
Ground Surface Elevation: 755 feet MSL Gas Storage Pool Ext. Air Rotary	WICHITA, KS		
Gall Enh Rec Infield Multi Potary Mair Rolary Water well within one-quarter mile: Yes No. Seismic; # of Holes Other Cable Cable Deph to bottom of tresh water: 190 Deph to bottom of tresh water: 190 Deph to bottom of usable water: 290 Deph to bottom of usable water 290 Deph to bottom of us	Well Drilled For: Well Class: Type Equipment:		
Gas Grorage Pool Ext. Air Rotary Water well within one-quarter mile: Wes No. Sestimation: If OWNO: old well information as follows: Other		Ground Surface Elevation: 785	feet MSL
OWNO Disposal Wildcat Cable Other		Water well within one-quarter mile:	s 🗸 No
Seismic;			s 🗸 No
Other		·	
If OWWO: old well information as follows: Operator: Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Well Farm Pond Other X DWF Permit #: Well Cores be taken? If Yes, proposed zone: ONSERVATION DIVISION The undersigned hereby affirms that Unggitting, Kgmpletion and eventual plugging of this well will compty with K. S.A. 55 et. seq. If Yes, proposed zone: 1 Notify the appropriate district office or prior to spudding of well; 2. A copy of the approved notice of intent to drill afhall be posted on each drilling ng; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. If the surface Total Depth: Water Source for Drilling Operations: Well Cores be taken? If Yes, proposed zone: AFFIDAVIT Well Cores be taken? If Yes, proposed zone: AFFIDAVIT Well Cores be taken? Well Cores be taken? If Yes, proposed zone: AFFIDAVIT Well Cores be taken? Well Not Dis			
Conjunctor Con			
Well Name: Original Completion Date: RECEIVED Water Source for Drilling Operations: Water Source for Drilling Operation operations: Water Source for Drilling Operation operations: Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Operation Operations: Water Source for Drilling Operations:	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 20"	
Original Completion Date: Original Total Depth: Water Source for Original Completions: Water Source Source Completions: Water Source Source Water Source Composition Source Water Water Source Water Source Water Source Water Water Source	Operator:	Length of Conductor Pipe required: None	
Directional, Deviated or Horizontal wellbore? Yes No Water Source for Drilling Operations: Water Source for Drilling Operation Source for Drilling Operations: Water Source for Drilling Operations:	Well Name:		
Well Farm Pond Other X DWR Permit with DWR DWR Permit	Original Completion Date:Original Total Depth:	Formation at Total Depth: MISSISSIPPIAN	
If Yes, true vertical depth: RECEIVED DWR Permit #: (Note: Apply for Permit with DWR)	Discontinual Devicted on the develop will be used.		
Bottom Hole Location: **ANSAS CORPORATION COMMISSION** KCC DKT #:		Well Farm Pond Other X	
Will Cores be taken? If Yes, proposed zone: CONSERVATION DIVISION The undersigned hereby affirms that tyngering, rempletion and eventual plugging of this well will comply with K.S.A. 55 et. seq. It is agreed that the following minimum requirements will be met: Notify the appropriate district office prior to spudding of well; A copy of the approved notice of intent to drill shall be posted on each drilling rig; The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 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; The appropriate district office will be notified before well is either plugged or production cargin is cemented in; 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; The authorization 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. For KCC Use ONLY API # 15 .		DWR Permit #:	
If Yes, proposed zone: CONSERVATION DIVISION The undersigned hereby affirms that typicating, Kempletion and eventual plugging of this well will comply with K.S.A. 55 et. seq. 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 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 shall be 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 18" - Eastern Kansas surface casing order 1813.891-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. Pate: January 17, 2006 Signature of Operator or Agent: For KCC Use ONLY API # 15 . J.S J.		(Note: Apply for Permit with DWR)	
The undersigned hereby affirms that typications (Rempletion and eventual plugging of this well will comply with K.S.A. 55 et. seq. 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 cement to the top; in all cases surface pipe shall be 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 il COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 days of spud date. Or pursuant to Appendix 18" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate il 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. For KCC Use ONLY API # 15		Will Cores be taken?	s 🕢 No
The undersigned hereby affirms that typophine, Kempletion and eventual plugging of this well will comply with K.S.A. 55 et. seq. 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 cement to the top; in all cases surface pipe shall be 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. 7. 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 offices prior to any cementing. I hereby certify that the statements made herein are true and to the best of my knowledge and belief. Pate: January 17, 2006 Signature of Operator or Agent: For KCC Use ONLY API # 15	C/01	If Yes, proposed zone:	
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 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 shall be 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. Pate: January 17, 2006 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 12 5 - 30 9 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		IDAVIT COMMON LOUSE LIVE IN MORRIER	, 78î
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 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 shall be 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. Pot KCC Use ONLY API # 15 - 12 5 - 30 9 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		lugging of this well will comply with K S A 55 et seg	6 Z W
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 cement to the top; in all cases surface pipe shall be 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. Date: January 17, 2006 Signature of Operator or 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:		agging of this won win comply with 12.5.2. 55 ct. seq.	7/1
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 cement to the top; in all cases surface pipe shall be 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" - Eastem Kanasa surface casing orders #133,691-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: January 17, 2006 Signature of Operator or Agent: For KCC Use ONLY API # 15 - 25 - 30 9 2 5 - 00 00		LOGICAGE 12 " CSO F2T 200 L	WL
For KCC Use ONLY API # 15 - 25 - 30 92 5 - 000 Conductor pipe required	 A copy of the approved notice of intent to drill shall be posted on ea The minimum amount of surface pipe as specified below shall be so through all unconsolidated materials plus a minimum of 20 feet into the lift the well is dry hole, an agreement between the operator and the control of the surface of the spropriate district office will be notified before well is either plugible 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 	It by circulating cement to the top; in all cases surface pipe shall be the underlying formation. Identification of the underlying formation of the underlying formation. Identification of the underlying formation of the underlying formation. It is not to underlying formation.	gging; date. ementing
For KCC Use ONLY API # 15 - 25 - 30 92 5 - 000 Conductor pipe required	I hereby certify that the statements made herein are true and to the best of	f my knowledge and belief.	
For KCC Use ONLY API # 15 - 25 925 000 Conductor pipe required	Date: January 17, 2006 Signature of Operator or Agent:	Title: Agent	
For KCC Use ONLY API # 15 - 25 925 000 Conductor pipe required		Remember to:	
API # 15 . 2 5 - 50 72 5 - 50 00 00 00 00 00 00 00 00 00 00 00 00	For KCC Use ONLY		
Conductor pipe required	API # 15. 125 -50725-0000	• • • • • • • • • • • • • • • • • • • •	
Minimum surface pipe required	12.10		
Approved by 1-18-06 (25-2-15-05) This authorization expires: 7. 18-06 (This authorization void if drilling not started within 6 months of effective date.) Spud date: Agent: Signature of Operator or Agent: Signature of Operator or Agent: Agent: Signature of Operator or Agent:	20		itry:
This authorization expires: 7. 18-06 (This authorization void it drilling not started within 6 months of effective date.) Spud date: Agent: Signature of Operator or Agent: Signature of Ope	OFO(195010402.15.5)		1
(This authorization void it drilling not started within 6 months of effective date.) Spud date: Agent: Signature of Operator or Agent:	Approved by Approv		
Spud date: Agent: Signature of Operator or Agent:	This authorization expires: 7. 18-06		M
Spud date: Agent: Signature of Operator or Agent:	(This authorization void if drilling not started within 6 months of effective date.)		$ \mathcal{N} $
		•	
Date:	Spud date: Agent:		
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas, 67202	L	Date:	~ ~ ~