

*** CORRECTED**

For KCC Use:
Effective Date: 1-5-2010
District #: 3
SGA? Yes No

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION**

Form C-1
October 2007
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

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

Expected Spud Date: January 13, 2010
month day year

OPERATOR: License# 33365 ✓
Name: Layne Energy Operating, LLC
Address 1: 1900 Shawnee Mission Parkway
Address 2:
City: Mission Woods State: KS Zip: 66205 + 2001
Contact Person: Victor H. Dyal
Phone: 913-748-3960

* CONTRACTOR: License# 33606 ✓
Name: Thomton Air Rotary

Well Drilled For: Oil Gas
Enh Rec Storage Disposal
Seismic: # of Holes Other:
 If OWWO: old well information as follows:

Well Class: Infield Pool Ext. Wildcat Other

Type Equipment: Mud Rotary Air Rotary Cable

Operator:
Well Name:
Original Completion Date: Original Total Depth:

Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth:
Bottom Hole Location:
KCC DKT #:

WAS: Contractor: Pending; W2NW-SE-SE, 825' FSL, 115' FEL.
IS: Contractor 33606; SW-NW-SE-SE, 926' FSL, 1205' FEL

Spot Description: **CORRECTED FOOTAGES**
SW - NW - SE - SE Sec. 34 Twp. 30 S. R. 14 E W
(a.c.c.c.) * 926 ✓ feet from N / S Line of Section
* 1,205 feet from E / W Line of Section
Is SECTION: Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)
County: Wilson
Lease Name: Metzger Well #: 16E-34
Field Name: Lafontaine

Is this a Prorated / Spaced Field? Yes No
Target Formation(s): Cattiman Sands

Nearest Lease or unit boundary line (in footage): 505'
Ground Surface Elevation: 920' feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Depth to bottom of fresh water: 150'
Depth to bottom of usable water: 200'
Surface Pipe by Alternate: I II
Length of Surface Pipe Planned to be set: 40'
Length of Conductor Pipe (if any): None
Projected Total Depth: 1300'
Formation at Total Depth: Mississippian

Water Source for Drilling Operations: Well Farm Pond Other:
DWR Permit #:

(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
If Yes, proposed zone:

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion 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. 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 correct to the best of my knowledge and belief.

Date: September 14, 2010 Signature of Operator or Agent: Victor H. Dyal Title: Manager of Engineering

For KCC Use ONLY
API # 15 - 205-27820-00-00
Conductor pipe required None feet
Minimum surface pipe required 40 feet per ALT I II
Approved by: Russ 12-31-2009 / Russ 9-24-2010
This authorization expires: 12-31-2010
(This authorization void if drilling not started within 12 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 (within 60 days);
- 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 Date: _____
Signature of Operator or Agent: _____

34
30
14
 E W

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SEP 15 2010

KCC WICHITA

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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 - 205-27820-00-00
Operator: Layne Energy Operating, LLC
Lease: Metzger
Well Number: 16E-34
Field: _____

Location of Well: County: Wilson
~~925~~ 926 feet from N / S Line of Section
~~1205~~ 1205 feet from E / W Line of Section
Sec. 34 Twp. 30 S. R. 14 E W

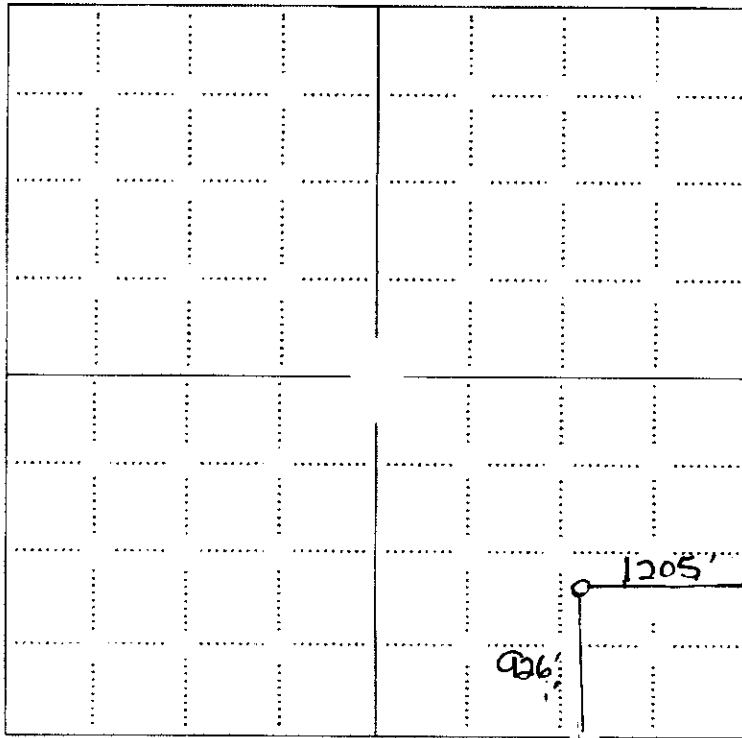
Number of Acres attributable to well: _____
QTR/QTR/QTR/QTR of acreage: SW - NW - SE - SE

Is Section: Regular or Irregular

If Section is Irregular, locate well from nearest corner boundary.
Section corner used: NE NW SE SW

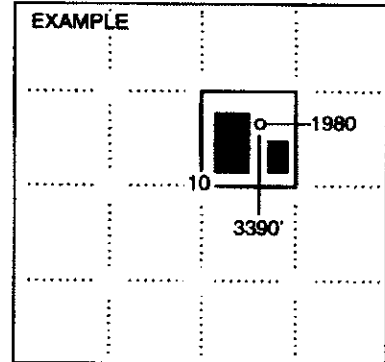
PLAT

*(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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SEWARD CO.

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

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 south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).


KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT

Corrected

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

CORRECTED
15-205-27820-00-00

Operator Name: Layne Energy Operating, LLC		License Number: 33365	
Operator Address: 1900 Shawnee Mission Parkway		Mission Woods KS 66205	
Contact Person: Victor H. Dyal		Phone Number: 913-748-3960	
Lease Name & Well No.: Metzger 16E-34		Pit Location (QQQQ): SW NW SE SE	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit (If WP Supply API No. or Year Drilled)		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
How is the pit lined if a plastic liner is not used? made of clay			
Pit dimensions (all but working pits): <u>30</u> Length (feet) <u>20</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>3</u> (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit <u>none</u> feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: <u>fresh water mud</u> Number of working pits to be utilized: <u>2</u> Abandonment procedure: <u>Let evaporate until dry, then backfill and restore</u> Drill pits must 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.		RECEIVED SEP 15 2010 KCC WICHITA	
September 14, 2010 Date		 Signature of Applicant or Agent	
KCC OFFICE USE ONLY Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS <input type="checkbox"/>			
Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No			

15-205-27820-00-00