KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
NOTICE OF INTENT TO DRILL

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

Expected Spud Date

05 22 2004

OPERATOR: License#: 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Phone: 913-748-3987

CONSERVATION DIVISION
WICHITA, KS
McPherson Drilling
License#: 5675

Well Drilled For:

Oil ☐ Enh Rec ☑ Infeld ☐ Mud Rotary
Gas ☑ Storage ☐ Pool Ext. ☑ Air Rotary
OWO ☑ Disposal ☐ Wildcat ☐ Cable
Seismic: ☐ # of Holes ☐ Other ☐
Other: ☐

If OWVO: old well information as follows:
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 #:

Spot

AP

SW - NE Sec 30

Type 31S S. R. 15E

1951 feet from S/N (circle one) Line of Section

2010 feet from E/W (circle one) Line of Section

Is SECTION ☑ Regular ☐ Irregular?
(Note: Locate well on the Section Plat on reverse side)

County:

Montgomery

Lease Name:

Smith

Field Name: Jefferson-Sycamore

Is this a Prioritized/Spaced Field?
☐ Yes ☑ No

Target Formation(s):
Cherokee Coals

Nearest Lease or Unit Boundary: 1951'

Ground Surface Elevation: 943 feet MSL

Water well within one-quarter mile: ☑ 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: 1 X 2

Length of Surface Pipe Planned to be set: 20'

Length of Conductor Pipe required:
None

Projected Total Depth: 1500 Feet

Formation at Total Depth:
Mississippian

Water Source for Drilling Operations:
Well ☐ Farm Pond ☐ Other X

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. 55-101, 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. 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: 5/14/04

Signature of Operator or Agent:

Title: Agent

For KCC Use ONLY

API # 15 - 125-30546.00 00
Conductor pipe required: ☐ None ☐ feet
Minimum surface pipe required: ☐ 20 feet per Alt. ☐ feet
Approved by: ☐
This authorization expires: 11-17-04
(This authorization void if drilling not started within 6 months of effective date.)

Spud date: 12-20-04

Agent:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Remember to:
- File Drill Pit Application (form CPR-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage dedication plat according to field prioritization 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.
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.

<table>
<thead>
<tr>
<th>API No.</th>
<th>Operator</th>
<th>Location of Well: County:</th>
<th>1951</th>
<th>feet from S</th>
<th>(circle one) Line of Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Layne Energy Operating, LLC</td>
<td>Montgomery</td>
<td>2010</td>
<td>feet from W</td>
<td>(circle one) Line of Section</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sec. 30</td>
<td>Twp. 31S</td>
<td>S. R. 15E</td>
</tr>
</tbody>
</table>

Is Section ___ Regular or ______ Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used: ___ NE ___ NW ___ SE ___ SW

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KANSAS CORPORATION COMMISSION
MAY 17 2004

PLAT

(Show footage to the nearest lease or unit boundary line.)

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 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).