

For KCC Use:
 Effective Date: 10-5-05
 District #: 3
 SGA? Yes 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

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

Expected Spud Date October 3 2005
month day year

Spot S2 NW SW Sec. 33 Twp. 32 S. R. 16 East West
1664 feet from N / S Line of Section
708 feet from E / W Line of Section

OPERATOR: License# 33365
 Name: Layne Energy Operating, LLC
 Address: 1900 Shawnee Mission Parkway
Mission Woods, KS 66205
 City/State/Zip:
 Contact Person: M. B. Natrass
 Phone: 913-748-3987
 CONTRACTOR: License# 33606
 Name: Thorton Air

Is SECTION Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)

County: Montgomery
 Lease Name: Shepherd Well #: 12-33
 Field Name: Jefferson-Sycamore

Is this a Prorated / Spaced Field? Yes No
 Target Formation(s): Cherokee Coals
 Nearest Lease or unit boundary: 708' ± (S)

Well Drilled For: Well Class: Type Equipment:
 Oil Enh Rec Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWWO Disposal Wildcat Cable
 Seismic; # of Holes Other
 Other

Ground Surface Elevation: 751 feet MSL
 Water well within one-quarter mile: Yes No
 Public water supply well within one mile: Yes No

If OWWO: old well information as follows:
 Operator: _____
 Well Name: _____
 Original Completion Date: _____ Original Total Depth: _____

Depth to bottom of fresh water: 150
 Depth to bottom of usable water: 200
 Surface Pipe by Alternate: 1 2
 Length of Surface Pipe Planned to be set: 20'
 Length of Conductor Pipe required: None
 Projected Total Depth: 1200 Feet
 Formation at Total Depth: Mississippian

Directional, Deviated or Horizontal wellbore: Yes No
 If Yes, true vertical depth: _____
 Bottom Hole Location: _____
 KCC DKT #: SEP 30 2005

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: _____

CONSERVATION DIVISION
 WICHITA, KS

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 to the best of my knowledge and belief.

Date: September 28, 2005 Signature of Operator or Agent: MRB Natrass Title: Agent

For KCC Use ONLY
 API # 15 - 125-30863-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 20' feet per Alt. X(2)
 Approved by: DPW 9-30-05
 This authorization expires: 3-30-06
 (This authorization void if drilling not started within 6 months of effective 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: _____

Date: _____

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

33
32
16E

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 - _____
 Operator: Layne Energy Operating, LLC
 Lease: Shepherd
 Well Number: 12-33
 Field: Jefferson-Sycamore

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

Location of Well: County: Montgomery
 1664 _____ feet from N / S Line of Section
 708 _____ feet from E / W Line of Section
 Sec. 33 Twp. 32 S. R. 16 East West

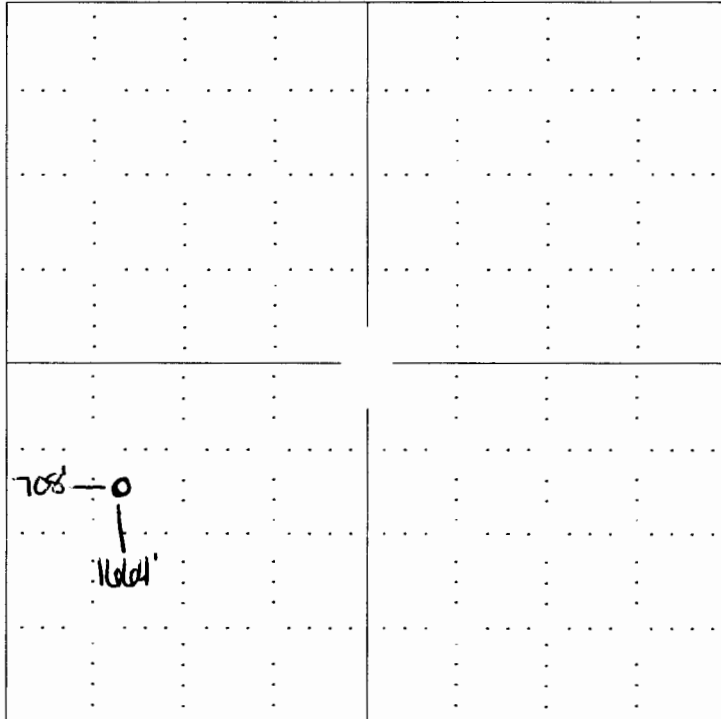
Is Section: Regular or Irregular

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

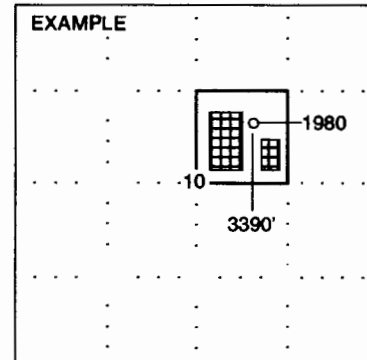
Section corner used: NE NW SE SW

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.)*



RECEIVED
KANSAS CORPORATION COMMISSION
 SEP 30 2005
 CONSERVATION DIVISION
 WICHITA, KS



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 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: (CO-7 for oil wells; CG-8 for gas wells).