

For KCC Use: 5-21-07
Effective Date: 5
District # 3
SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form C-1

December 2002

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 May 22, 2007
month day year

OPERATOR: License# 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Contact Person: Brent Natrass
Phone: 913-748-3960

CONTRACTOR: License# 33606
Name: Thornton Air

Well Drilled For: per oper. Well Class: Infield Pool Ext. Wildcat Other
 Gas Storage Disposal Other
 CWMO Disposal Wildcat Other
Seismic: _____ # of Holes _____
 Other _____

If OWWO: 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 SE SW SE SE Sec. 32 Twp. 33 S. R. 16 East West

141 feet from N / S Line of Section
813 feet from E / W Line of Section

Is SECTION Regular Irregular?

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

County: Montgomery

Lease Name: Elias Well #: 16-32 SWD

Field Name: Cherokee Basin Coal

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Cherokee Coals Arbuckle (per oper)

Nearest Lease or unit boundary: 141'

Ground Surface Elevation: 830' 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: 150

Surface Pipe by Alternate: 1 2

Length of Surface Pipe Planned to be set: 20'

Length of Conductor Pipe required: None

Projected Total Depth: 1800'

Formation at Total Depth: Mississippian Arbuckle (per oper)

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: _____

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AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. MAY 16 2007

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: May 15, 2007 Signature of Operator or Agent: MR [Signature] Title: Agent

For KCC Use ONLY
API # 15 - 125-31371-0000
Conductor pipe required None feet
Minimum surface pipe required 20 feet per Alt. X(2)
Approved by: KA-5-16-07
This authorization expires: 11-16-07
(This authorization void if drilling not started within 6 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;
- 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

32
33
10E

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 - 125-31371-0000
Operator: Layne Energy Operating, LLC
Lease: Elias
Well Number: 16-32 SWD
Field: Cherokee Basin Coal

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

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

Is Section: Regular or Irregular

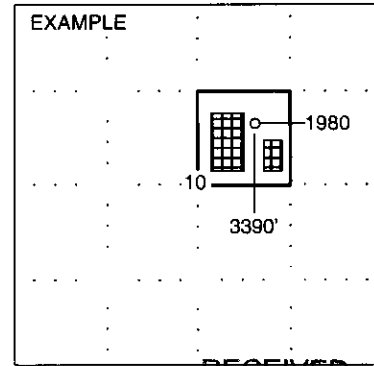
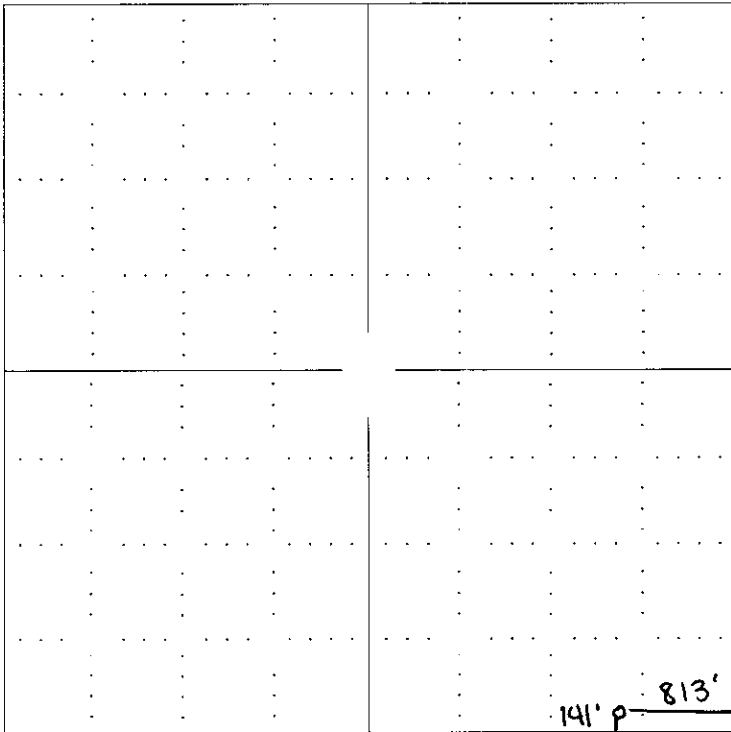
If Section is Irregular, locate well from nearest corner boundary.

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.)



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MAY 16 2007

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).

CONSERVATION DIVISION
WICHITA, KS

15-125-31371-0000



CORNERSTONE REGIONAL SURVEYING, LLC

1921 North Penn Ave.
Independence, KS 67301

Telephone: 620-331-6767
Fax: 620-331-6776

WELL LOCATION REPORT Including Latitude & Longitude

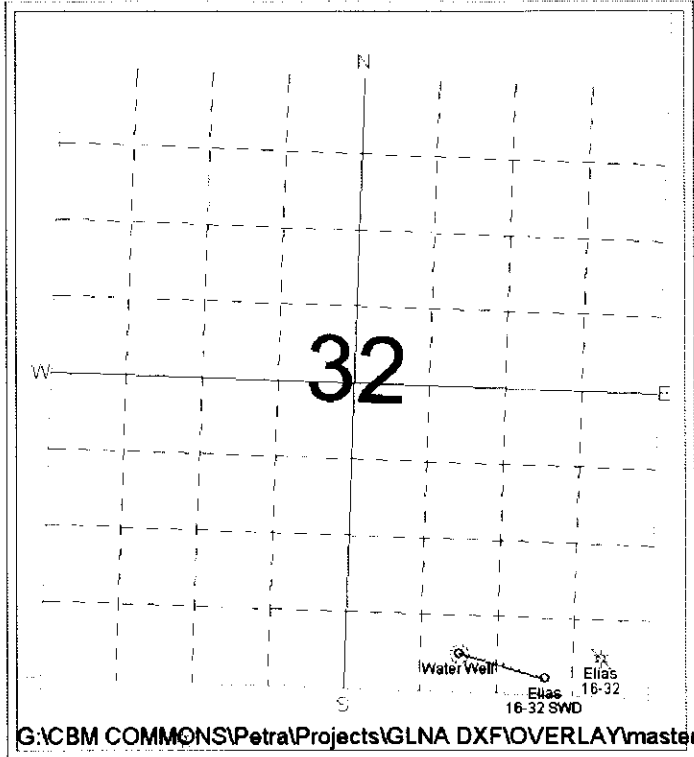
LEASE NAME:	Elias SWD	16-32
COUNTY:	Montgomery	
OPERATOR:	Layne Energy	
LOCATION:	141' FSL, 813' FEL, Sec. 32, Twp. 33S, Rge. 16E DC	
LATITUDE:	SE-SE	N 37° 07' 26.75" SW
LONGITUDE:	37.124097	W 95° 40' 38.17"
GROUND ELEVATION:	-95.677269	830 feet
SCALE:	1" = 2000'	
DATE:	April 16, 2007	
SURVEYED BY:	Adam Grove	
DRAWN BY:	Gary Walker	
AUTHORIZED BY:	Mike Giesen	
DIRECTIONS	.See reverse for directions from 3000 Rd. and 4300 Rd.	

141' to lease line

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MAY 16 2007
CONSERVATION DIVISION
WICHITA, KS

MAP - GLNA DXF

File Wells Contours Options Overlay Tools CrossSection Display Window Help



G:\CBM COMMONS\Petra\Projects\GLNA DXF\OVERLAY\master.OVL

1719 F:\In 2.2 Distance=779.2 (FT) LAT=-37.1240973 LON=-96.6772696 DX=749.9 DY=-211.6 Angle=S74.24E (105.8)

Start Main - PETRA Map - PETRA iTunes Rolland J Yoakum - Inbox ... podcasts.xls LE Kansas Well List.xls master geologic report.xls


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 MAY 16 2007
 CONSERVATION DIVISION
 WICHITA, KS

15-125-31371-0000

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

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: Layne Energy Operating, LLC		License Number: 33365
Operator Address: 1900 Shawnee Mission Parkway, Mission Woods, KS 66205		
Contact Person: Brent Natrass		Phone Number: (913) 748 - 3960
Lease Name & Well No.: Elias 16-32 SWD		Pit Location (QQQQ): 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 <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	Sec. 32 Twp. 33 R. 16 <input checked="" type="checkbox"/> East <input type="checkbox"/> West 141 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 813 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Montgomery County
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
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? Self-Sealing
Pit dimensions (all but working pits): 30' Length (feet) 20' Width (feet) N/A: Steel Pits Depth from ground level to deepest point: 3' (feet)		
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 779 feet Depth of water well 50 feet		Depth to shallowest fresh water ~ 20 feet. Source of information: _____ measured _____ well owner _____ electric log _____ 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: Fresh Water Mud Number of working pits to be utilized: Two Abandonment procedure: Let evaporate until dry, then backfill and restore 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 KANSAS CORPORATION COMMISSION
<u>May 15, 2007</u> Date	 Signature of Applicant or Agent	MAY 16 2007
KCC OFFICE USE ONLY		
Date Received: <u>5/16/07</u>	Permit Number: _____	Permit Date: <u>5/16/07</u> Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

15-125-31371-0000



*Kathleen Sebelius, Governor
Brian J. Moline, Chair
Robert E. Krehbiel, Commissioner
Michael C. Moffet, Commissioner*

**NOTICE TO OPERATORS FILING INTENT TO DRILL
FOR DISPOSAL OR ENHANCED RECOVERY
INJECTION WELLS, (CLASS II INJECTION WELL)**

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in **K.A.R. 82-3-400 et seq** of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.