

For KCC Use:

Effective Date: 1-19-08

District # \_\_\_\_\_

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 14 2008  
month day year

OPERATOR: License# 34064 ✓  
Name: GW Energy LLC

Address 1: 225 North Market Street, Ste. #230

Address 2: \_\_\_\_\_

City: Wichita State: KS Zip: 67202 + \_\_\_\_\_

Contact Person: David P. Williams

Phone: (316) 263-4930

CONTRACTOR: License# 33843 ✓  
Name: Terra Drilling, LLC

Name: \_\_\_\_\_

Well Drilled For: Well Class: Type Equipment:

<input checked="" type="checkbox"/> Oil ✓	<input type="checkbox"/> Enh Rec	<input checked="" type="checkbox"/> Infield	<input type="checkbox"/> Mud Rotary
<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.	<input type="checkbox"/> Air Rotary
<input type="checkbox"/> Seismic ; _____ # of Holes	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat	<input type="checkbox"/> Cable
<input type="checkbox"/> Other: _____	<input type="checkbox"/> 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 Description: Ap

AP - SW - NW - SW Sec. 30 Twp. 32 S. R. 9  E  W

(00000) 1,933 feet from  N /  S Line of Section

510 feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?

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

County: Harper

Lease Name: Lies Well #: 2-30

Field Name: Little Sandy Creek

Is this a Prorated / Spaced Field?  Yes  No

Target Formation(s): Mississippian, Viola ✓

Nearest Lease or unit boundary line (in footage): 510'

Ground Surface Elevation: 1410' 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: 180'

Depth to bottom of usable water: 180'

Surface Pipe by Alternate:  I  II

Length of Surface Pipe Planned to be set: 200'

Length of Conductor Pipe (if any): \_\_\_\_\_

Projected Total Depth: 4700'

Formation at Total Depth: Viola

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: 01/11/2008 Signature of Operator or Agent: David P. Williams Title: Co-Manager

**For KCC Use ONLY**

API # 15 - 077-21609-0000

Conductor pipe required None feet

Minimum surface pipe required 200 feet per ALT.  I  II

Approved by: [Signature] 1-14-08

This authorization expires: 1-14-09  
(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: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 11 2008  
CONSERVATION DIVISION  
WICHITA, KS

30  
32  
9  
 E  
 W

**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 - 077-21609-0000  
Operator: GW Energy LLC  
Lease: Lies  
Well Number: 2-30  
Field: Little Sandy Creek

Location of Well: County: Harper  
1,933 feet from  N /  S Line of Section  
510 feet from  E /  W Line of Section  
Sec. 30 Twp. 32 S. R. 9  E  W

Number of Acres attributable to well: \_\_\_\_\_  
QTR/QTR/QTR/QTR of acreage: AP - SW - NW - SW

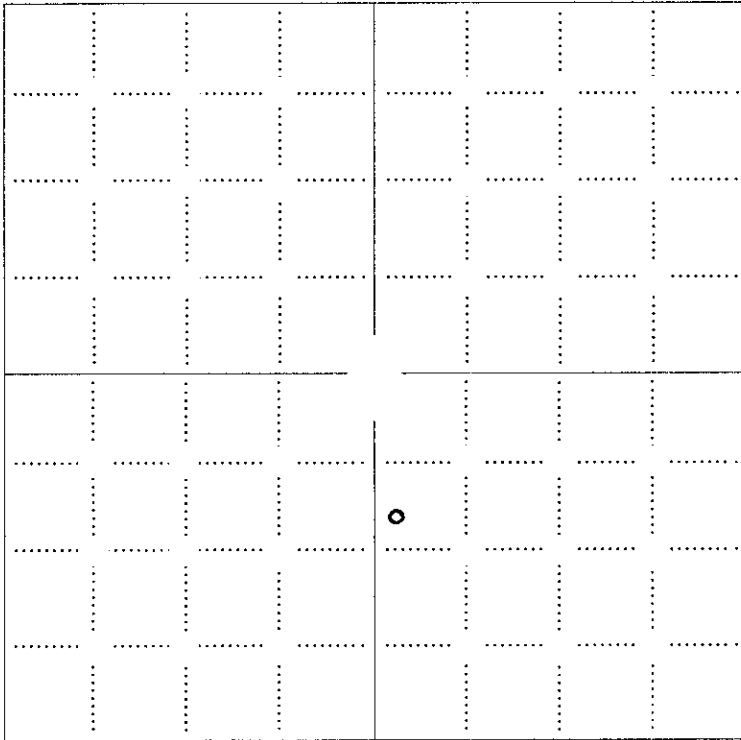
Is Section:  Regular or  Irregular

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

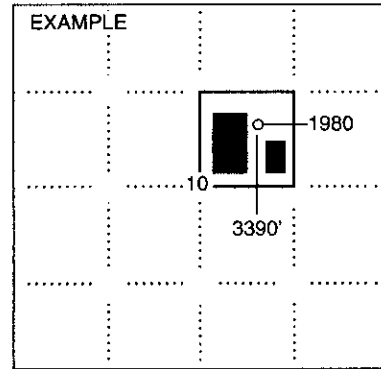
Section corner used:  NE  NW  SE  SW

**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  
  
JAN 11 2008  
  
CONSERVATION DIVISION  
WICHITA, KS



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

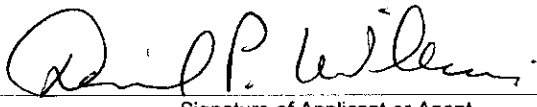
**In plotting the proposed location of the well, you must show:**

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: (C0-7 for oil wells; CG-8 for gas wells).

**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: <b>GW Energy LLC</b>		License Number: <b>34064</b>
Operator Address: <b>225 North Market Street, Ste. #230</b>		<b>Wichita KS 67202</b>
Contact Person: <b>David P. Williams</b>		Phone Number: <b>(316) 263-4930</b>
Lease Name & Well No.: <b>Lies 2-30</b>		Pit Location (QQQQ): <u>NE SW NW SW</u>
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 checked="" 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. <u>30</u> Twp. <u>32</u> R. <u>9</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>1933</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>510</u> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Harper</b> _____ County
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input type="checkbox"/> Yes <input checked="" 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? <b>Steel Tanks with Fluid Removal</b>
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) <input checked="" type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (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. <b>Haul-Off Pit will be utilized.</b>
Distance to nearest water well within one-mile of pit <u>924</u> feet    Depth of water well <u>37</u> feet		Depth to shallowest fresh water <u>17</u> feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR
<b>Emergency, Settling and Burn Pits ONLY:</b> 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		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: <u>Drilling Fluids (Bentonite)</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>Evaporate all fluid and remove solid materials and spread (land farm) during site restoration.</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.		
<u>01/11/2008</u> Date	 Signature of Applicant or Agent	

RECEIVED  
KANSAS CORPORATION COMMISSION  
**JAN 11 2008**  
CONSERVATION DIVISION  
WICHITA, KS

15-077-21609-0000

<b>KCC OFFICE USE ONLY</b>		Steel Pit <input checked="" type="checkbox"/>	RFAC <input checked="" type="checkbox"/>	RFAS <input type="checkbox"/>
Date Received: <u>1/11/08</u>	Permit Number: _____	Permit Date: <u>1/11/08</u>	Lease Inspection: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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



*Kathleen Sebelius, Governor  
Thomas E. Wright, Chairman  
Michael C. Moffet, Commissioner  
Joseph F. Harkins, Commissioner*

January 11, 2007

Mr. David Williams  
GW Energy LLC  
225 N. Market Ste 230  
Wichita, KS 67202

RE: Drilling Pit Application  
Lies Lease Well No. 2-30  
SW/4 Sec. 30-32S-09W  
Harper County, Kansas

Dear Mr. Williams:

According to the drilling pit application referenced above, no earthen pits are to be used at this location. Steel pits are to be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit. This location will have to be inspected prior to approval of the haul-off pit application. Conservation division forms are available through our office and on the KCC web site: [www.kcc.state.ks.us/conservation/forms](http://www.kcc.state.ks.us/conservation/forms).

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.

**HAUL-OFF PIT APPLICATION  
FILING REQUIREMENTS**

**82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.**

- (a) Each operator shall perform one of the following when disposing of dike or pit contents:
- (1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
  - (2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or
  - (3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:
    - (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
    - (B) removal and placement of the contents in an on-site disposal area approved by the commission;
    - (C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
    - (D) removal of the contents to a permitted off-site disposal area approved by the department.
- (b) Each violation of this regulation shall be punishable by the following:
- (1) A \$1,000 penalty for the first violation;
  - (2) a \$2,500 penalty for the second violation; and
  - (3) a \$5,000 penalty and an operator license review for the third violation.

**Complete and return with Haul-Off Pit Application, Form CDP1(2004)**

Haul-off pit will be located in an on-site disposal area: Yes  No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner: Yes   
No  If yes, written permission from the landowner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: Yes  No  If yes, written permission from the landowner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.