



For KCC Use ONLY

API # 15 - \_\_\_\_\_

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

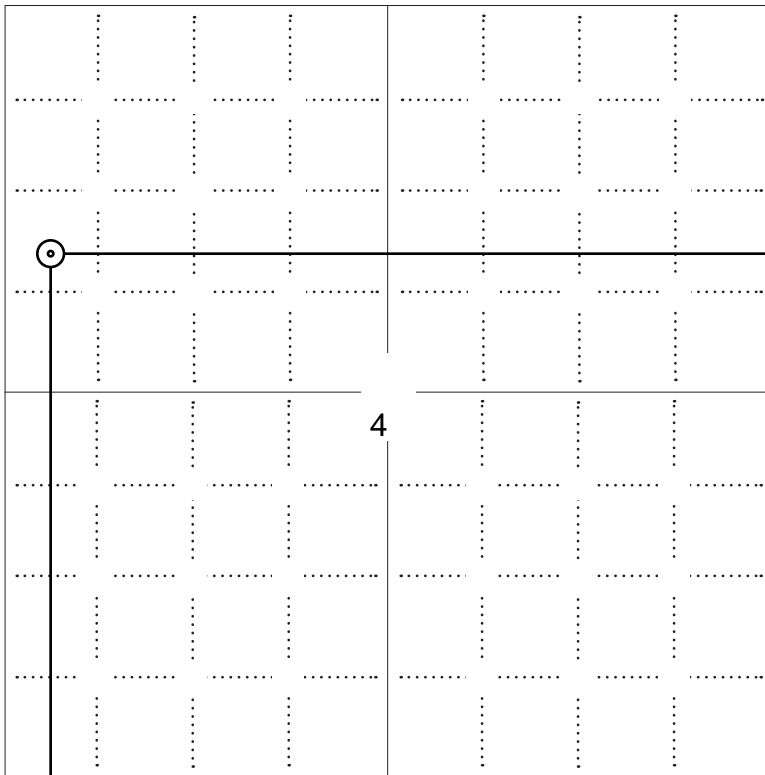
Is Section:  Regular or  Irregular

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

Section corner used:  NE  NW  SE  SW

**PLAT**

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



4970 ft.

**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



1980' FSL

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

3580 ft.

**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).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input 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 type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used? _____			
Pit dimensions (all but working pits):    _____ Length (feet)    _____ Width (feet) <input 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.	
Distance to nearest water well within one-mile of pit: _____ 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	
<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: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

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



### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically



Southern Star Central Gas Pipeline, Inc.  
4700 Hwy 56  
P.O. Box 20010  
Owensboro, Kentucky 42301  
Phone 270/852-5000

March 20, 2014

Mr. Larry Alex  
201 S. Union Street  
PO Box 311  
McLouth, KS 66054

Dear Larry,

Wayne Eibes forwarded your correspondence to him dated March 3, 2014 regarding drilling intents for the Willits 1B, 2B and 3B, all to be drilled to a depth below the storage formation, but through the reservoir and within the certificated boundary of Southern Star's McLouth Storage Field. Similar intents were submitted to the Kansas Corporation Commission (KCC) in 2008, but the wells have not been drilled.

Southern Star has searched for the drilling intents on the KCC web site, but apparently they have not been filed yet. In addition, since it has been since 2008 that the drilling intents were filed, Southern Star believes those intents are expired and must be refiled with the KCC. After the intents are refiled, Southern Star would submit a similar letter as the letter dated August 11, 2008, pursuant to K.A.R. 82-3-311 (d), which permits a natural gas storage field operator to respond to a 30-day notification of an oil operator of their intent to drill through the storage field. The rule permits the storage field operator to recommend the manner, methods and materials be used in drilling and completing wells drilled through the storage field.

Please feel free to contact me at (270) 852-4554 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Timothy R. Meyer". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Timothy R. Meyer  
Manager, Storage Services

Cc: Wayne Eibes  
Charles McConnell  
Mark Rouse

March 3, 2014  
Wayne Ives, Southern Star  
Tonganoxie, Ks

Wayne,

Global Energy has filed for three drilling intents with the KCC, Willits 1B, 2B and 3B. These locations are identical to the intents Tim Meyer approved over a year ago. All located in 4-10-20E, inside Southern Star gas storage field. Even though our wells are intended for zones below and beyond the storage field, we will be drilling through storage. K.A.R. 82-3-311 of the KCC rules and regulations indicate we must get Southern Stars approval for these locations. GES and SSGC have previously reached an agreement as to the responsibilities.

Although you may not give the final approval, you will know to whom to go to get that approval and we will ask that you forward this request for approval.

Sincerely,

Larry Alex



For KCC Use ONLY

API # 15 - \_\_\_\_\_

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Global Energy Solutions Inc  
 Lease: Willits  
 Well Number: 2 B  
 Field: McLouth Storage  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR/QTR/QTR/QTR of acreage: SW - NW - SW - NW

Location of Well: County: Jefferson  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 Sec. 4 Twp. 10 S. R. 20  E  W

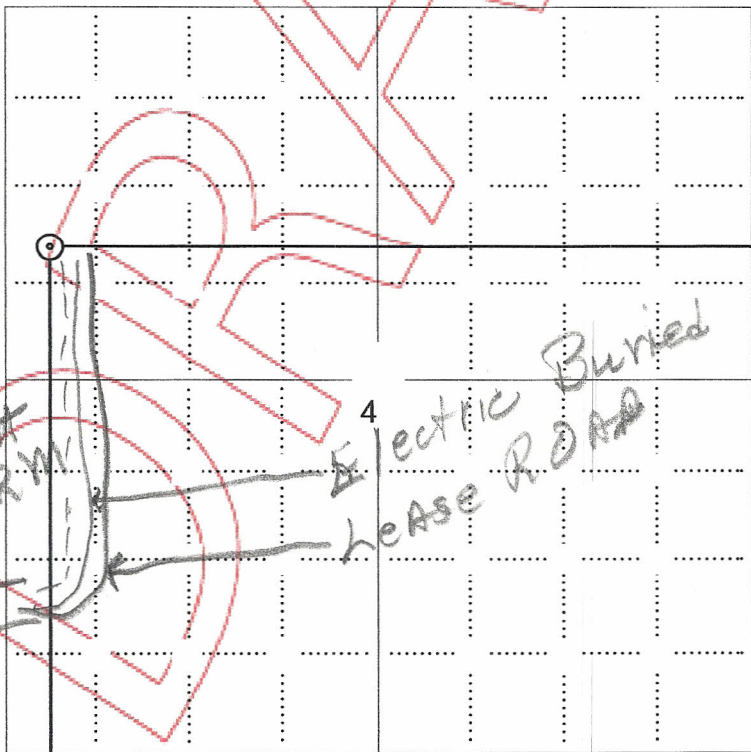
Is Section:  Regular or  Irregular

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

Section corner used:  NE  NW  SE  SW

**PLAT**

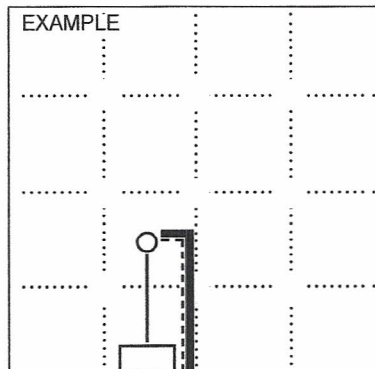
Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



**LEGEND**

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location

4970 ft.



SEWARD CO. 3390' FEL

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

3580 ft.

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).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



Southern Star Central Gas Pipeline, Inc.  
4700 Hwy 56  
P.O. Box 20010  
Owensboro, Kentucky 42301  
Phone 270/852-5000

March 31, 2014

Sent via E-mail

Kansas Corporation Commission  
130 S. Market  
Wichita, KS 67202-3802  
Attn: Mr. Rick Hestermann

Re: Global Energy Solutions, Inc. Notice of Intent to Drill Oil Wells,  
Sec 4, T10S, R20E, Jefferson County, KS

Dear Mr. Hestermann:

Southern Star Central Gas Pipeline, Inc ("Southern Star") is the owner and operator of the McLouth Gas Storage Field in Jefferson and Leavenworth Counties, KS. Global Energy Solutions, Inc. ("Global") has provided Southern Star notice of Intent to Drill Oil Wells in Section 4, Township 10S, Range 20E, in Jefferson County, Kansas. Global apparently plans to drill three wells (Willits #1B, Willits #2B and Willits #3B) within the boundaries of the McLouth Gas Storage Field. The approximate location of the Willits #1B is 3,300 feet from the south section line and 4,970 feet from the east section line; the approximate location of the Willits #2B is 3,580 feet from the south section line and 4,970 feet from the east section line; and the approximate location of the Willits #3B is 3,775 feet from the south section line and 4,970 feet from the east section line.

Southern Star submits this letter pursuant to K.A.R. 82-3-311 (d), which permits a natural gas storage field operator to respond to a 30-day notification of an oil operator of their intent to drill through the storage field. The rule permits the storage field operator to recommends the manner, methods and materials be used in drilling and completing wells drilled through the storage field. Southern Star submits the following recommendations:

- 1) Global shall set surface casing in accordance with Commission requirement;
- 2) Global shall install, test and maintain blowout prevention valves and related equipment;
- 3) Global shall employ rotary drilling methods and use drilling mud of sufficient weight and with proper additives to contain the pressure of the storage field (Request the current bottom hole pressure from Southern Star prior to commencing drilling operations);
- 4) Global shall add an adequate amount of biocide to prevent any contamination by drilling and completion fluids carrying or containing sulfate reducing bacteria and/or acid producing bacteria.
- 5) Global shall cement all casing strings with cement circulated to the surface;



- 6) Global shall use all reasonable precautions during drilling operations to protect the McLouth storage reservoir and in the event of any emergency in any way affecting the storage reservoir, Global shall immediately notify Southern Star and the KCC, and shall utilize all methods and procedures; available to protect the public, fresh water and the McLouth storage reservoir;
- 7) Global shall notify Southern Star at least one week before drilling commences;
- 8) Global shall furnish Southern Star a copy of all tests and well logs following completion of the well;
- 9) In the event hole is lost or abandoned and Global decides to plug and abandon the well, Global shall clean out the well to total depth drilled and shall plug the well with solid with Class A cement;
- 10) Global shall provide Southern Star access to the well site at all times during the drilling, completion, operation or plugging of the well and access to all records relating to the drilling, equipping, maintenance, operation, or plugging of the well;
- 11) Global shall provide Southern Star access to the well to inspect or test the well and review all operational records during the life of the well;
- 12) Global shall conduct its operations, within the McLouth Gas Storage Field, while gas is stored under these lands, to prevent the escape of gas from and the intrusion of water or other substances into any formation in which gas is so stored;
- 13) Global shall not commence any manner or form of secondary or tertiary recovery within the McLouth Gas Storage Field; and
- 14) Global shall not utilize well/formation fracture treatments, water/steam flooding, and/or other well stimulation techniques within the McLouth Gas Storage Field. Global shall not initiate fractures within the McLouth Storage Reservoir and/or through the overlying or underlying strata.

In sum, Southern Star does not object to Global's proposed drilling of the Willits #1B, #2B and #3B wells, as long as the above conditions are imposed on Global. Southern Star reserves its right to comment and be heard in any and all formal proceedings before the KCC related to the proposed wells referenced above.

If you have any questions, please give me a call at 270-852-4554.

Respectfully Submitted,

Tim Meyer  
Manager, Storage Services

Copies to:

Global Energy Solutions, Inc.  
Attn: Mr. Larry Alex

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Thomas E. Wright, Commissioner  
Jay Scott Emler, Commissioner

Sam Brownback, Governor

April 01, 2014

Larry Alex  
Global Energy Solutions Inc  
201 S UNION ST  
PO BOX 311  
MCLOUTH, KS 66054

Re: Drilling Pit Application  
Willits` 2 B  
NW/4 Sec.04-10S-20E  
Jefferson County, Kansas

Dear Larry Alex:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

**If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.**

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

**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 (620) 432-2300.