



For KCC Use:
Effective Date: 08/14/2013
District # 3
SGA? Yes No

** 2ND 2-4-2015*
CORRECTED

KANSAS CORPORATION COMMISSION
GAS CONSERVATION DIVISION

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

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: 08/12/2013
month day year

Spot Description: _____

OPERATOR: License# 34847
Name: Heavy Oil Treatment Solutions, LLC
Address 1: 1513 MUSTANG DR
Address 2: _____
City: BALDWIN CITY State: KS Zip: 66006 + _____
Contact Person: Jim Mietchen
Phone: 785-594-7100

** S E - S W - SE - N W* Sec. 23 Twp. 12 S. R. 20 E W
(0/0/0) 2805 feet from N / S Line of Section
** 3465* feet from E / W Line of Section
Is SECTION: Regular Irregular?

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

CONTRACTOR: License# _____
Name: Advise on ACO-1 - Must be licensed by KCC

County: Leavenworth
Lease Name: Mini-Farm Well #: 9
Field Name: Six Corners

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Squirrel Sand

Nearest Lease or unit boundary line (in footage): 1815

Ground Surface Elevation: 899 Estimated 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: 100

Depth to bottom of usable water: 275

Surface Pipe by Alternate: I II

Length of Surface Pipe Planned to be set: 60

Length of Conductor Pipe (if any): _____

Projected Total Depth: 1100

Formation at Total Depth: Squirrel Sand

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: _____

Well Drilled For: Well Class: Type Equipment:

- | | | | |
|---|-----------------------------------|---|--|
| <input checked="" type="checkbox"/> Oil | <input type="checkbox"/> Enh Rec | <input checked="" type="checkbox"/> Infield | <input checked="" type="checkbox"/> Mud Rotary |
| <input 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 | | |

KCC WICHITA

If OWWO: old well information as follows: FEB 02 2015

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 #: _____

** WAS: S2-SE-SE-NE 330' FEL*
** IS: SE-SW-SE-NW 3465' FEL*

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.

Submitted Electronically

For KCC Use ONLY

API # 15 - 15-103-21391-00-00

Conductor pipe required 0 feet

Minimum surface pipe required 40 feet per ALT. I II

Approved by: Rick Hestermann 10/11/2013 *Jim 2-4-2015*

This authorization expires: 08/09/2014
(This authorization void if drilling not started within 12 months of approval date.)

Spud date: _____ Agent: _____

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- 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 well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well will not be drilled or Permit Expired Date: _____
Signature of Operator or Agent: _____

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

23
12
20
 E
 W



For KCC Use ONLY

API # 15 - 15-103-21391-00-00

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: Heavy Oil Treatment Solutions, LLC
 Lease: Mini-Farm
 Well Number: 9
 Field: Six Corners

Location of Well: County: Leavenworth
2805 feet from N / S Line of Section
3465 feet from E / W Line of Section
 Sec. 23 Twp. 12 S. R. 20 E W

Number of Acres attributable to well: _____
 QTR/QTR/QTR/QTR of acreage: S E - S W - SE - N W

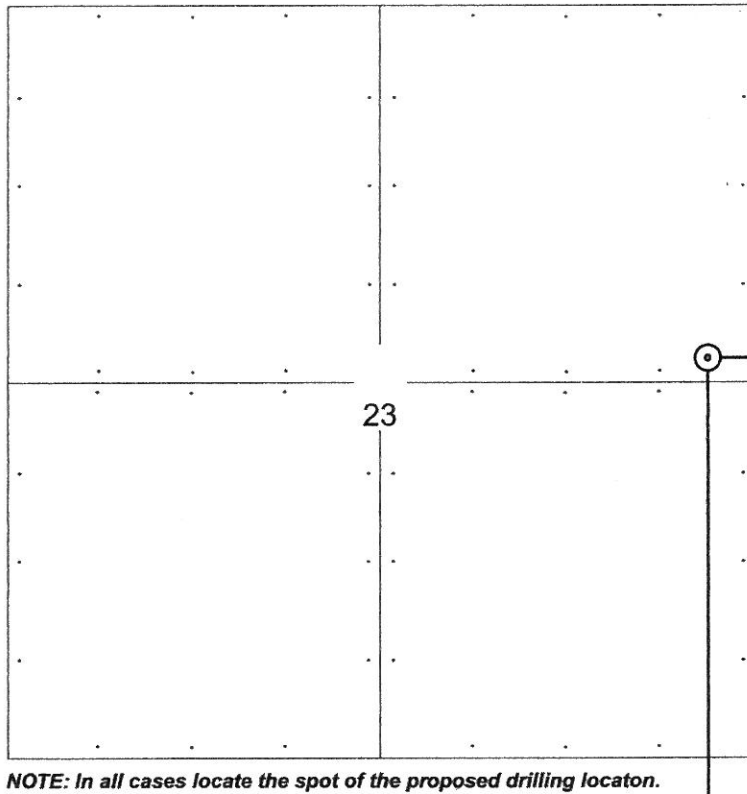
Is Section: Regular or Irregular

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

Section corner used: NE NW SE SW

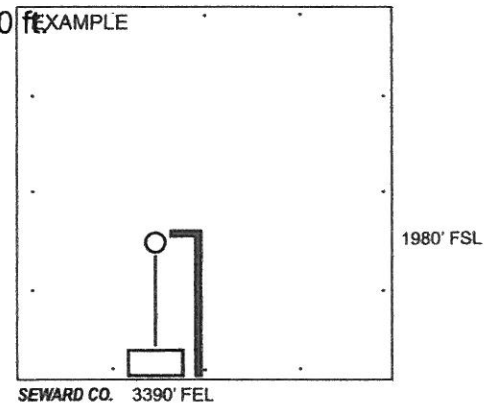
PLAT

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



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

2805 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.

2nd
CORRECTED**APPLICATION FOR SURFACE PIT***Submit in Duplicate*

Operator Name: Heavy Oil Treatment Solutions, LLC		License Number: 34847
Operator Address: 1513 MUSTANG DR		BALDWIN CITY KS 66006
Contact Person: Jim Mietchen		Phone Number: 785-594-7100
Lease Name & Well No.: Mini-Farm 9		Pit Location (QQQQ): S _E - S _W - SE - N _W
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 <i>(If WP Supply API No. or Year Drilled)</i>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 150 _____ (bbls)	Sec. 23 Twp. 12 R. 20 <input checked="" type="checkbox"/> East <input type="checkbox"/> West 2805 Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section 3 465 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Leavenworth _____ County
Is the pit located in a Sensitive Ground Water Area? <input checked="" 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 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? Native Clay
Pit dimensions (all but working pits): 40 Length (feet) 10 Width (feet) Depth from ground level to deepest point: 5 (feet)		<input type="checkbox"/> N/A: Steel Pits <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.
KCC WICHITA FEB 02 2015 RECEIVED		
Distance to nearest water well within one-mile of pit: 185 feet Depth of water well 100 feet		Depth to shallowest fresh water 50 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> 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: Drilling Mud Number of working pits to be utilized: 3 Abandonment procedure: Let air dry and backfill _____ Drill pits must be closed within 365 days of spud date.
Submitted Electronically		

KCC OFFICE USE ONLY

Date Received: 10/10/2013 Permit Number: 15-103-21391-00-00 Permit Date: 08/09/2013 Lease Inspection: Yes No

Liner Steel Pit RFAC RFAS

2nd
CORRECTEDCERTIFICATION 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 # 34847
Name: Heavy Oil Treatment Solutions, LLC
Address 1: 1513 MUSTANG DR
Address 2: _____
City: BALDWIN CITY State: KS Zip: 66006 + _____
Contact Person: Jim Mietchen
Phone: (785) 594-7100 Fax: (785) 594-7100
Email Address: _____

Well Location:
S E S W SE NW Sec. 23 Twp. 12 S. R. 20 East West
County: Leavenworth
Lease Name: Mini-Farm Well #: 9

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

Surface Owner Information:

Name: Donald Buttron
Address 1: 10979 214th Road
Address 2: _____
City: Nortonville State: KS Zip: 66060 + _____

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.

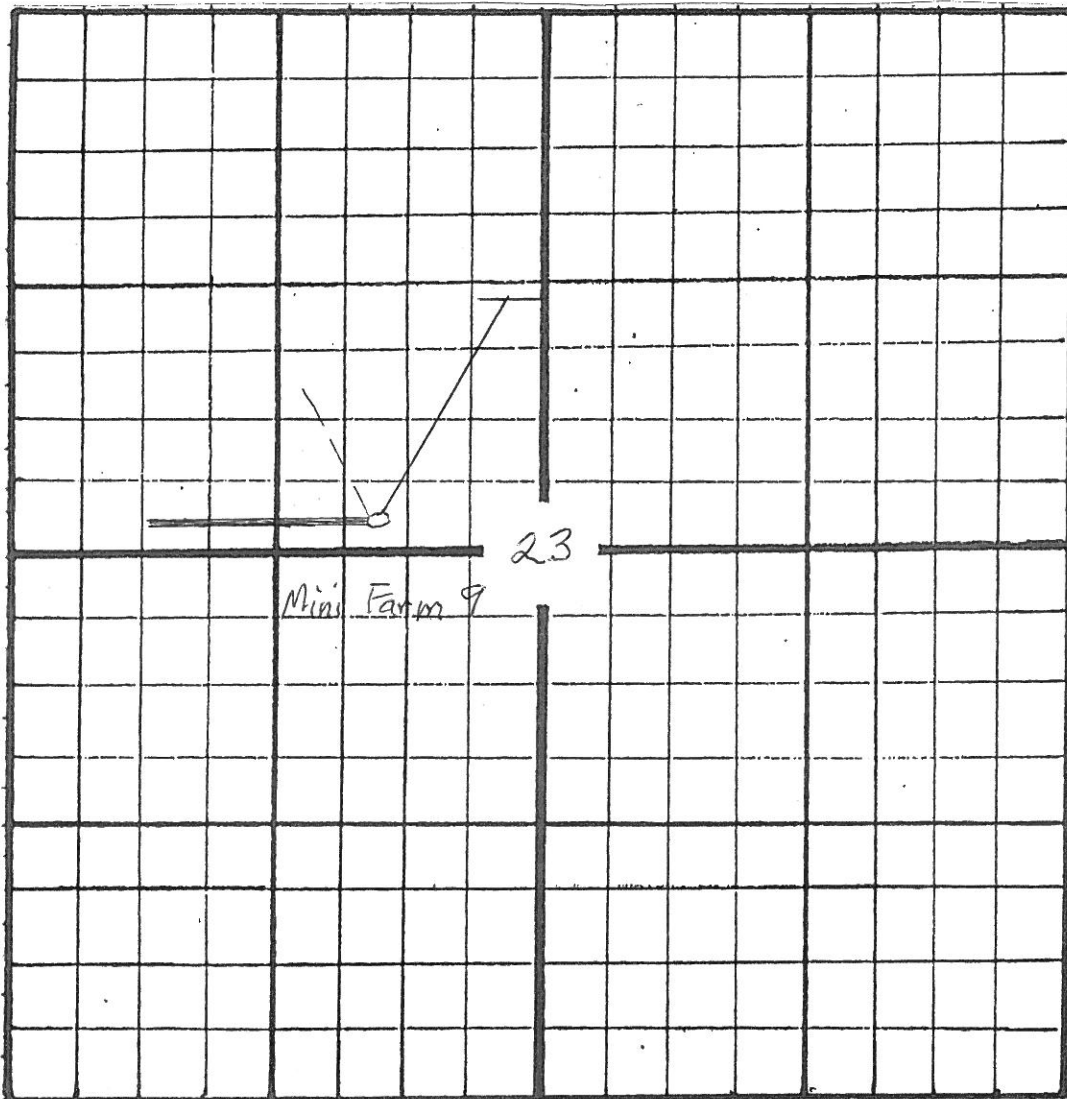
Select one of the following:

- 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 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.

Submitted Electronically

2nd
CORRECTED



KCC WICHITA

FEB 02 2015

RECEIVED