

For KCC Use: **8-22-07**  
Effective Date: **8-22-07**  
District #: **1**  
SGA? ☐ Yes ☒ No

KANSAS CORPORATION COMMISSION 1011340  
OIL & GAS CONSERVATION DIVISION

Form C-1  
November 2005  
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: **08/22/2007**  
month day year

OPERATOR: License# **33168**  
Name: **Woolsey Operating Company, LLC**  
Address 1: **125 N. MARKET, SUITE 1000**  
Address 2:  
City: **WICHITA** State: **KS** Zip: **67202** + **1775**  
Contact Person: **Dean Pattison**  
Phone: **316-267-4379**

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

Well Drilled For: ☒ Oil ☐ Enh Rec ☒ Infield ☒ Mud Rotary  
☒ Gas ☐ Storage ☐ Pool Ext. ☐ Air Rotary  
☐ Disposal ☐ Wildcat ☐ Cable  
☐ Seismic; # of Holes ☐ Other  
☐ 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: **50' N & 100' E of SW SW SE**  
NE SW SE Sec. **23** Twp. **34** S. R. **12** ☐ E ☒ W  
(0000) **380** feet from ☐ N / ☒ S Line of Section  
**2,210** feet from ☒ E / ☐ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?

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

County: **Barber**  
Lease Name: **HARBAUGH E** Well #: **1**  
Field Name: **STRANATHAN**

Is this a Prorated / Spaced Field? ☐ Yes ☒ No  
Target Formation(s): **Mississippian**

Nearest Lease or unit boundary line (in footage): **380**  
Ground Surface Elevation: **1390** 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): **0**  
Projected Total Depth: **5250**

Formation at Total Depth: **Simpson**

Water Source for Drilling Operations:  
☐ Well ☐ Farm Pond ☒ Other: **To be hauled**

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. **RECEIVED KANSAS CORPORATION COMMISSION**

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: **8/16/07** Signature of Operator or Agent: **Dean Pattison** Title: **Operations Manager**

**For KCC Use ONLY**

API # 15 - **007-23185-0000**  
Conductor pipe required **0** feet  
Minimum surface pipe required **200** feet per ALT. ☒ I ☐ II  
Approved by: **8/17/07**  
This authorization expires: **2-17-08**  
(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 (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: \_\_\_\_\_

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

23 34 12 ☐ E ☒ W



1011340

# 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 - 007-23185-0000Operator: Woolsey Operating Company, LLCLease: HARBAUGH EWell Number: 1Field: STRANATHAN

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

QTR/QTR/QTR/QTR of acreage: NE - SW - SW - SELocation of Well: County: Barber380 \_\_\_\_\_ feet from ☐ N / ☒ S Line of Section2,210 \_\_\_\_\_ feet from ☒ E / ☐ W Line of SectionSec. 23 \_\_\_\_\_ Twp. 34 \_\_\_\_\_ S. R. 12 \_\_\_\_\_ ☐ E ☒ WIs 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.)*

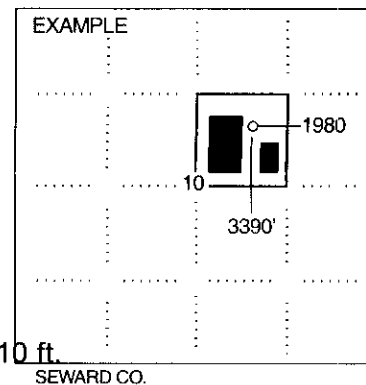
**NOTE: In all cases locate the spot of the proposed drilling location.**

380 ft.

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KANSAS CORPORATION COMMISSION

**AUG 17 2007**

CONSERVATION OF OIL AND GAS  
P. CHAPMAN



**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).

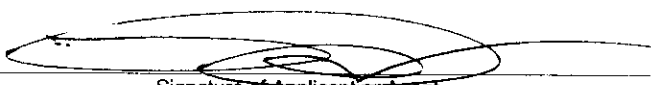
**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

1011340

Form CDP-1  
April 2004  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: Woolsey Operating Company, LLC		License Number: 33168	
Operator Address: 125 N. MARKET, SUITE 1000		WICHITA KS 67202	
Contact Person: Dean Pattisson		Phone Number: 316-267-4379	
Lease Name & Well No.: HARBAUGH E 1		Pit Location (QQQQ):	
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: 4,800 (bbls)	
		NE SW SW SE Sec. 23 Twp. 34 R. 12 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 380 Feet from <input type="checkbox"/> North <input checked="" type="checkbox"/> South Line of Section 2,210 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Barber 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? Clays from mud will provide sealer	
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) _____ N/A: Steel Pits Depth from ground level to deepest point: 4 (feet) _____ 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. <div style="text-align: right;"> <b>RECEIVED</b>  <b>AUG 17 2007</b>            KANSAS CORPORATION COMMISSION            CONSERVATION DIVISION            WICHITA KS         </div>	
Distance to nearest water well within one-mile of pit 2011 feet Depth of water well 150 feet		Depth to shallowest fresh water 12 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: Fresh Number of working pits to be utilized: 3 Abandonment procedure: When dry, backfill and restore location 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.  <div style="display: flex; justify-content: space-between;"> <div>           8/16/2007            Date         </div> <div>             Signature of Applicant or Agent         </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div> <b>KCC OFFICE USE ONLY</b>            Date Received: 8/17/07 Permit Number: _____ Permit Date: 8/17/07 Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No         </div> <div>           Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input checked="" type="checkbox"/> </div> </div>			

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

15007-23185-0000



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

August 15, 2007

Dean Pattisson  
Woolsey Operating Company, LLC  
125 N. MARKET, SUITE 1000  
WICHITA, KS67202-1775

Re: Drilling Pit Application  
HARBAUGH E Lease Well No. 1  
SE/4 Sec.23-34S-12W  
Barber County, Kansas

Dear Dean Pattisson:

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 the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again 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) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: [kcc.ks.gov/conservation/forms/](http://kcc.ks.gov/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 (620) 225-8888.

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KANSAS CORPORATION COMMISSION

AUG 17 2007

CONSERVATION DIVISION  
WICHITA, KS

CONSERVATION DIVISION  
Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802  
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>