

For KCC Use: 11-11-06  
Effective Date: 11-11-06  
District # 1  
SGA? ☒ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

OWWO

Form C-1

December 2002

Form must be Typed

Form must be Signed

All blanks must be Filled

Expected Spud Date November 20, 2006  
month day year

OPERATOR: License# 33168 ✓  
Name: WOOLSEY OPERATING COMPANY, LLC  
Address: 125 N. Market, Suite 1000  
City/State/Zip: Wichita, Kansas 67202  
Contact Person: Dean Pattison  
Phone: 316-267-4379 ext 107

CONTRACTOR: License# 5929 ✓  
Name: Duke Drilling Co., Inc.

Well Drilled For: Well Class: Type Equipment:  
☐ Oil ☐ Enh Rec ☒ Infield ☒ Mud Rotary  
☐ Gas ☒ Storage ☐ Pool Ext. ☐ Air Rotary  
☒ OWWO ☒ Disposal ☐ Wildcat ☐ Cable  
☐ Seismic; # of Holes ☐ Other  
☐ Other

If OWWO: old well information as follows: ✓  
Operator: Molz Oil Company / Flynn Oil Company (original)  
Well Name: Harbaugh 2 / Tom Humphrey 1  
Original Completion Date: 12-86 / 1-49 Original Total Depth: 5377 / 5340

Directional, Deviated or Horizontal wellbore? ☐ Yes ☒ No

If Yes, true vertical depth: \_\_\_\_\_

Bottom Hole Location: \_\_\_\_\_

KCC DKT #: \_\_\_\_\_

Spot NW - NW - NW Sec. 13 Twp. 34 S. R. 12 ☐ East ☒ West  
330' FNL feet from ☒ N / ☐ S Line of Section  
330' FWL 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 SWD Well #: 1 OWWO  
Field Name: Rhodes South

Is this a Prorated / Spaced Field? ☐ Yes ☒ No

Target Formation(s): Arbuckle

Nearest Lease or unit boundary: 330'

Ground Surface Elevation: 1442' 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: 180'

Surface Pipe by Alternate: ☒ 1 ☐ 2

Length of Surface Pipe Planned to be set Has existing set at 415'

Length of Conductor Pipe required: n/a

Projected Total Depth: 5800'

Formation at Total Depth: Arbuckle

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.

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 !! 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: 10/31/2006 Signature of Operator or Agent: \_\_\_\_\_ Title: Operations Manager

Dean Pattison

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: \_\_\_\_\_

RECEIVED

NOV 01 2006

KCC WICHITA

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

For KCC Use ONLY

API # 15 - 007-01016-00-02

Conductor pipe required None feet

Minimum surface pipe required 415 feet per Alt. 1

Approved by: Patt/11-6-06

This authorization expires: 5-6-07

(This authorization void if drilling not started within 6 months of approval date.)

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**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 - 007-01016-00-02  
 Operator: WOOLSEY OPERATING COMPANY, LLC  
 Lease: HARBAUGH SWD  
 Well Number: 1 OWWO  
 Field: Rhodes South  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR / QTR / QTR of acreage: NW - NW - NW

Location of Well: County: Barber  
 330' FNL \_\_\_\_\_ feet from ☒ N / ☐ S Line of Section  
 330' FWL \_\_\_\_\_ feet from ☐ E / ☒ W Line of Section  
 Sec. 13 Twp. 34 S. R. 12 ☐ East ☒ West

Is Section: ☒ Regular or ☐ Irregular

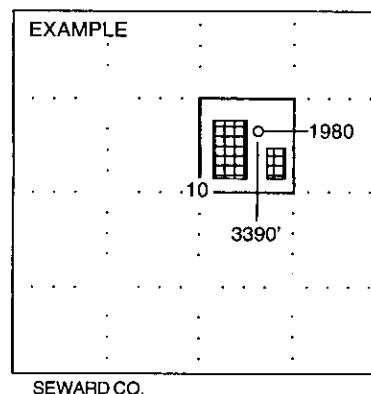
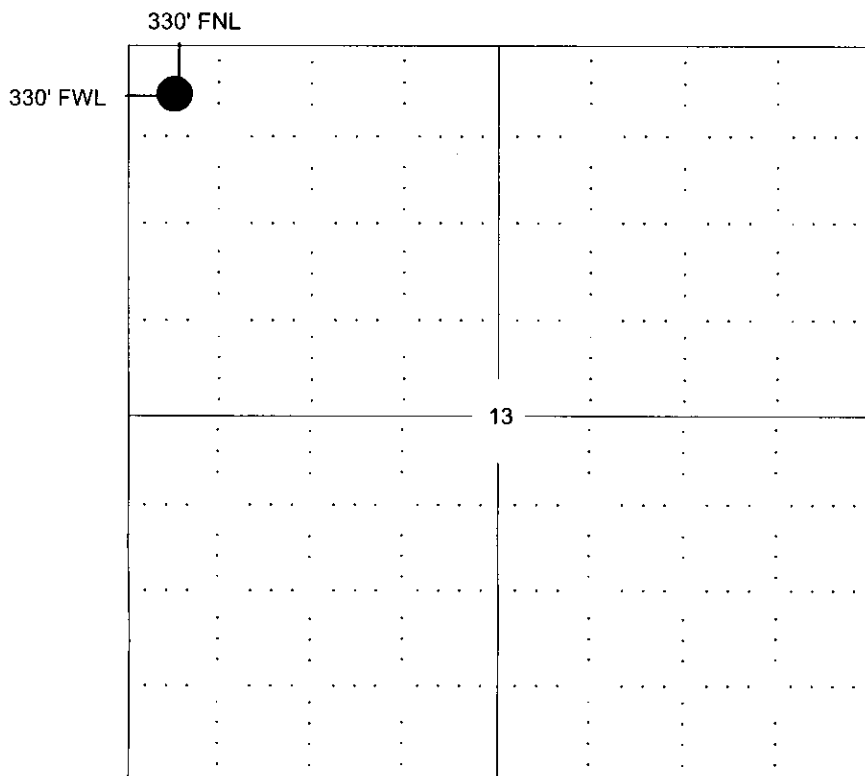
**If Section is Irregular, locate well from nearest corner boundary.**

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.)*



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

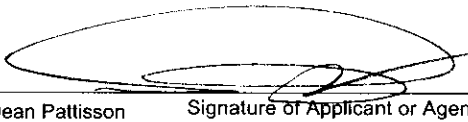
**In plotting the proposed location of the well, you must show:**

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 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).

**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>Woolsey Operating Company, LLC</b>		License Number: <b>33168</b>
Operator Address: <b>125 N. Market, Suite 1000, Wichita, Kansas 67202</b>		
Contact Person: <b>Carl W. Durr, Field Manager</b>		Phone Number: ( <b>620</b> ) <b>886 - 5606</b> ext <b>27</b>
Lease Name & Well No.: <b>HARBAUGH 1 SWD</b>		Pit Location (QQQQ): <b>C . NW . NW . NW</b> Sec. <b>13</b> Twp. <b>34</b> R. <b>12</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>330</b> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <b>330</b> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>BARBER</b> County
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)	
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 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? <b>Clays from mud will provide sealer.</b>
Pit dimensions (all but working pits): <b>80</b> Length (feet) <b>80</b> Width (feet) <b>N/A: Steel Pits</b> Depth from ground level to deepest point: <b>4</b> (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. <b>Monitor pits until thoroughly dry.</b>
Distance to nearest water well within one-mile of pit <b>N/A</b> feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: _____ measured    _____ well owner    _____ electric log    _____ 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: <b>Fresh</b> Number of working pits to be utilized: <b>3</b> Abandonment procedure: <b>When dry, backfill and restore location.</b> 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.		
<b>10/31/2006</b> Date	 Dean Pattison	Signature of Applicant or Agent

<b>KCC OFFICE USE ONLY</b>			
Date Received: <b>11/1/06</b>	Permit Number: _____	Permit Date: <b>11/3/06</b>	Lease Inspection: <input checked="" type="checkbox"/> RECEIVED

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

**NOV 01 2006**  
**KCC WICHITA**

15-007-01016-00-02

SEAS  
CONSERVATION COMMISSION  
Grado Derby Building  
Lawrence, Kansas. 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

API NUMBER 15-007-01.016 00-01

LEASE NAME Harbaugh

WELL NUMBER #2

4950 Ft. from S Section Line

4950 Ft. from E Section Line

SEC. 13 TWP. 34 RGE. 12 (E) (X) (W)

COUNTY Barber

Date Well Completed 12-06-86

Plugging Commenced 12-06-86

Plugging Completed 12-06-86

LEASE OPERATOR Molz Oil Co.

ADDRESS RR #2 Box 54, Kiowa, KS 67070

PHONE# (316) 296-4558 OPERATORS LICENSE NO. 6006

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? Dodge City, Ks.

Is ACO-1 filed? yes-see If not, is well log attached? attached

Producing Formation CWNC D & A Depth to Top \_\_\_\_\_ Bottom \_\_\_\_\_ T.D. \_\_\_\_\_

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet each set.

185 sx of 60/40 poz 6% gel:

#1 @ Arbuckle w/80 sx; #2 @ anny base w/50 sx; #3 @ 445 w/30 sx;

#4 @ 40' solid w/10 sx; 15 sx in rathole

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Allen Drilling Co. License No. 5418

Address P.O. Box 1389, Great Bend, KS 67530

STATE OF Kansas COUNTY OF Barton

STATE COMMISSIONER OF CONSERVATION  
SS.

John A. Johnson

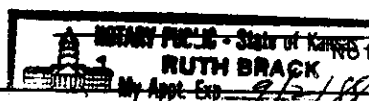
(Employee of Operator) John A. Johnson of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) Box 1389, Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 17th day of December, 1986

My Commission Expires: \_\_\_\_\_



[Signature]  
Notary Public

# KANSAS

## CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR

BRIAN J. MOLINE, CHAIR

ROBERT E. KREHBIEL, COMMISSIONER

MICHAEL C. MOFFET, COMMISSIONER

November 3, 2006

Mr. Dean Pattisson  
Woolsey Operating Company, LLC  
125 N. Market Ste 1000  
Wichita, KS 67202

RE: Drilling Pit Application  
Harbaugh SWD Lease Well No. 1 OWWO  
NW/4 Sec. 13-34S-12W  
Barber County, Kansas

Dear Mr. 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 practical after drilling operations have ceased. **The pits should be located outside of the draws.**

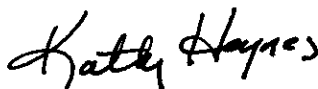
**If production casing is set all completion fluids shall be removed on a daily basis.**

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, 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: [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 undersigned at the above address.

Sincerely,



Kathy Haynes  
Environmental Protection and Remediation Department

cc: S Durrant

# KANSAS

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## **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.