

F KCC Case: 11-18-06  
 Effective Date: 11-18-06  
 District #: 2  
 SGA?  Yes  No

KANSAS CORPORATION COMMISSION  
 OIL & GAS CONSERVATION DIVISION  
**NOTICE OF INTENT TO DRILL**

Form C-1  
 December 2002  
 Form must be Typed  
 Form must be Signed  
 All blanks must be Filled

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date NOVEMBER 21 2006  
month day year

70' S of CENTER  East  West  
N/2 - N/2 - NW Sec. 22 Twp. 21 S. R. 10  
400 feet from  N /  S Line of Section  
1320 feet from  E /  W Line of Section  
 Is SECTION X Regular  Irregular?

OPERATOR: License # 3882 ✓  
 Name: SAMUEL GARY JR. & ASSOCIATES, INC.  
 Address: 1670 BROADWAY, SUITE 3300  
 City/State/Zip: DENVER, CO 80202  
 Contact Person: TOM FERTAL  
 Phone: (303) 831-4673

(Note: Locate well on the Section Plat on Reverse Side)

CONTRACTOR: License 30141 ✓  
 Name: SUMMIT DRILLING

County: RICE  
 Lease Name: CAYWOOD Well #: 1-22  
 Field Name: WILDCAT

Is this a Prorated / Spaced Field?  Yes  No  
 Target Formation(s): ARBUCKLE  
 Nearest Lease or unit boundary: 400'

Ground Surface Elevation: EST 1720 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:  1  2

Length of Surface Pipe Planned to be set: 280'  
 Length of Conductor pipe required: NONE  
 Projected Total Depth: 3500'  
 Formation at Total Depth: ARBUCKLE

Water Source for Drilling Operations:  
 Well  Farm Pond  Other X  
 DWR Permit #: N/A

(Note: Apply for Permit with DWR )

Will Cores Be Taken?  Yes  No  
 If yes, proposed zone: N/A

Well Drilled For:	Well Class:	Type Equipment:
<input checked="" type="checkbox"/> Oil ✓	<input type="checkbox"/> Infield	<input checked="" type="checkbox"/> Mud Rotary ✓
<input type="checkbox"/> Gas	<input type="checkbox"/> Pool Ext.	<input type="checkbox"/> Air Rotary
<input type="checkbox"/> OWWO	<input checked="" type="checkbox"/> Wildcat ✓	<input type="checkbox"/> Cable
<input type="checkbox"/> Seismic; # of Holes	<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#: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, 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 a 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 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: OCTOBER 19, 2006 Signature of Operator or Agent: Thomas Fertal Title: SR. GEOLOGIST

**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: \_\_\_\_\_

**For KCC use ONLY**

API # 15 - 159-22520-000  
 Conductor pipe required None feet  
 Minimum surface pipe required 200 feet per Alt. 1  
 Approved by: Ruf 11-13-06  
 This authorization expires: 5-13-07  
 (This authorization void if drilling not started within 6 months of effective date.)  
 Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

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

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 CONSERVATION DIVISION  
 WICHITA, KS

22  
 21  
 10W

**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 - 159-22520-0000  
Operator: SAMUEL GARY JR & ASSOCIATES, INC.  
Lease: CAYWOOD  
Well Number: 1-22  
Field: \_\_\_\_\_

Location of Well: County: RICE  
\_\_\_\_\_ feet from  N /  S Line of Section  
1320 feet from  E /  W Line of Section  
Sec. 22 Twp. 21 S. R. 10  East  West

Is Section:  Regular or  Irregular

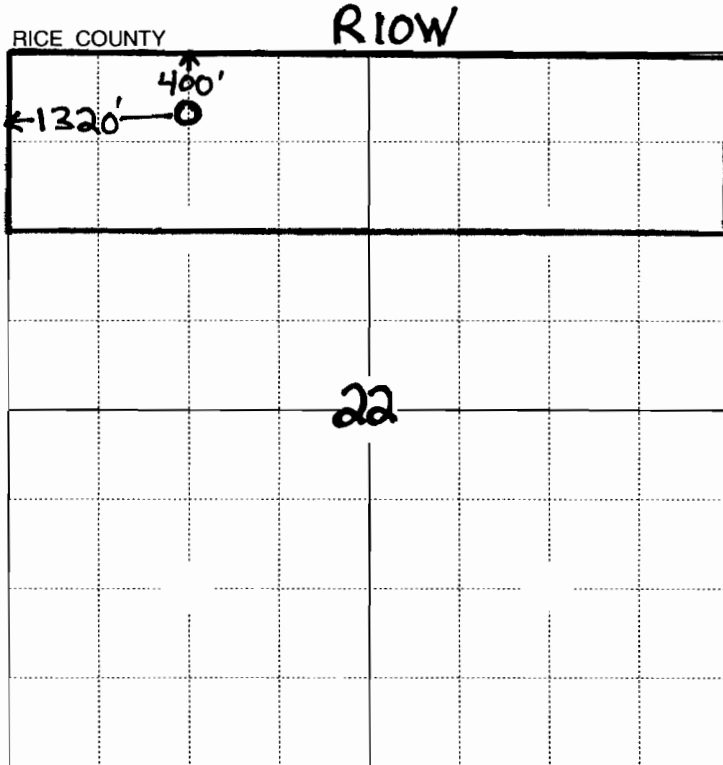
Number of Acres attributable to well: \_\_\_\_\_  
QTR / QTR / QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

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

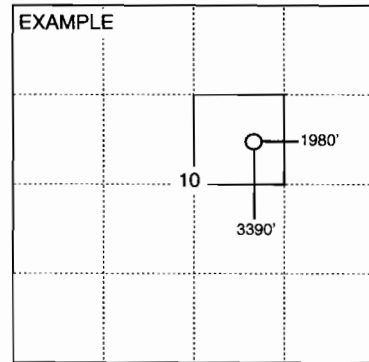
Section corner used:  NE  NW  SE  SW

**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.)*



*400' from nearest lease boundary*



SEWARD CO.

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**OCT 20 2006**

**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 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>SAMUEL GARY JR. AND ASSOCIATES, INC.</b>		License Number: <b>3882</b>
Operator Address: <b>1670 BROADWAY, SUITE 3300 DENVER, CO 80202-4838</b>		
Contact Person: <b>TOM FERTAL</b>		Phone Number: ( <b>303</b> ) <b>831 - 4673</b>
Lease Name & Well No.: <b>CAYWOOD 1-22</b>		Pit Location (QQQQ): _____ . <u>N/2</u> . <u>N/2</u> . <u>NW</u> Sec. <u>22</u> Twp. <u>21</u> R. <u>10</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>400</u> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <u>1320</u> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>RICE</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: <b>2000</b> (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>NATIVE MUD AND CLAY</b>
Pit dimensions (all but working pits): <u>75</u> Length (feet) <u>50</u> Width (feet)    _____ N/A: Steel Pits Depth from ground level to deepest point: <u>3</u> (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.
Distance to nearest water well within one-mile of pit <u>642</u> feet    Depth of water well <u>45</u> feet		Depth to shallowest fresh water <u>8</u> feet. Source of information: <u>ARKOS</u> _____ 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: <u>FRESH MUD</u> Number of working pits to be utilized: <u>0 (STEEL TANKS)</u> Abandonment procedure: <u>ALLOW TO DRY, THEN BACKFILL</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>OCTOBER 19, 2006</u> Date		<u>Thomas G Fertal</u> Signature of Applicant or Agent

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OCT 20 2006  
CONSERVATION DIVISION  
WICHITA, KS**

15-159-00500-0000  
0000-00500-651-51

<b>KCC OFFICE USE ONLY</b>		Line w/ Bent RFAS+TZK No deeper 4'
Date Received: <u>10/20/06</u>	Permit Number: _____	Permit Date: <u>11/9/06</u> Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR  
BRIAN J. MOLINE, CHAIR  
ROBERT E. KREHBIEL, COMMISSIONER  
MICHAEL C. MOFFET, COMMISSIONER

November 9, 2006

Mr. Tom Fertal  
Samuel Gary Jr. & Associates, Inc.  
1670 Broadway Ste 3300  
Denver, CO 80202

Re: Drilling Pit Application  
Caywood Lease Well No. 1-22  
NW/4 Sec. 22-21S-10W  
Rice County, Kansas

Dear Mr. Fertal:

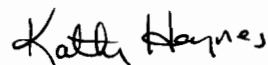
District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and no deeper than 4'. **All pits must be lined with bentonite.** The free fluids must be removed. The fluids are to 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 within 72 hours 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 (316) 630-4000 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: [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: Doug Louis