

**\*Blowout Preventer Required\***

For KCC Use: 6-27-07  
Effective Date: 7  
District #: 7  
SGA?  Yes  No

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

Form C-1

December 2002

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 June 27, 2007  
month day year

Spot  East  
SENE SE NW Sec. 12 Twp. 8 S. R. 21  West  
1890 feet from  N /  S Line of Section  
2540 feet from  E /  W Line of Section  
Is SECTION  Regular  Irregular?

OPERATOR: License# 30076  
Name: Andy Anderson dba A & A Production  
Address: P.O. Box 100  
City/State/Zip: Hill City, KS 67642  
Contact Person: Andy Anderson dba A & A Production  
Phone: (785) 421-2234

(Note: Locate well on the Section Plat on reverse side)  
County: Graham  
Lease Name: Bethell Well #: 2  
Field Name: wildcat  
Is this a Prorated / Spaced Field?  Yes  No  
Target Formation(s): Kansas City

CONTRACTOR: License# 33237  
Name: Anderson Drilling

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

Nearest Lease or unit boundary: 1890'  
Ground Surface Elevation: 1970 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: 700'  
Surface Pipe by Alternate:  1  2  
Length of Surface Pipe Planned to be set: 200+  
Length of Conductor Pipe required: none  
Projected Total Depth: 3,800'  
Formation at Total Depth: Kansas City  
Water Source for Drilling Operations:  
 Well  Farm Pond  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 #: \_\_\_\_\_

DWR Permit #: \_\_\_\_\_  
(Note: Apply for Permit with DWR )  
Will Cores be taken?  Yes  No  
If Yes, proposed zone: \_\_\_\_\_

Oil & Gas Lease Attached (N/2 Sec. 12)

**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.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  
Date: June 22, 2007 Signature of Operator or Agent: Wanna Shanda Title: Agent

For KCC Use ONLY **\*Blowout Preventer Required\***  
API # 15 - 065-23313-0000  
Conductor pipe required None feet  
Minimum surface pipe required 200 feet per Alt. **XO 2**  
Approved by: Put 6-22-07  
This authorization expires: 12-22-07  
(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;  
- 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: \_\_\_\_\_

Mall to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas **RECEIVED**  
KANSAS CORPORATION COMMISSION

**JUN 22 2007**

CONSERVATION DIVISION  
WICHITA, KS

12  
8  
21W

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

*Plat of acreage attributable to a well in a prorated or spaced field*

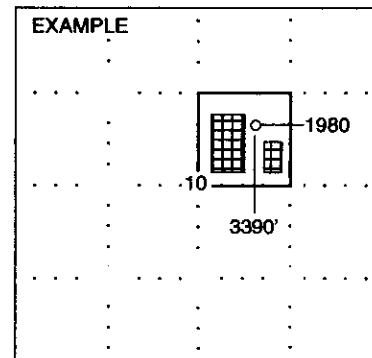
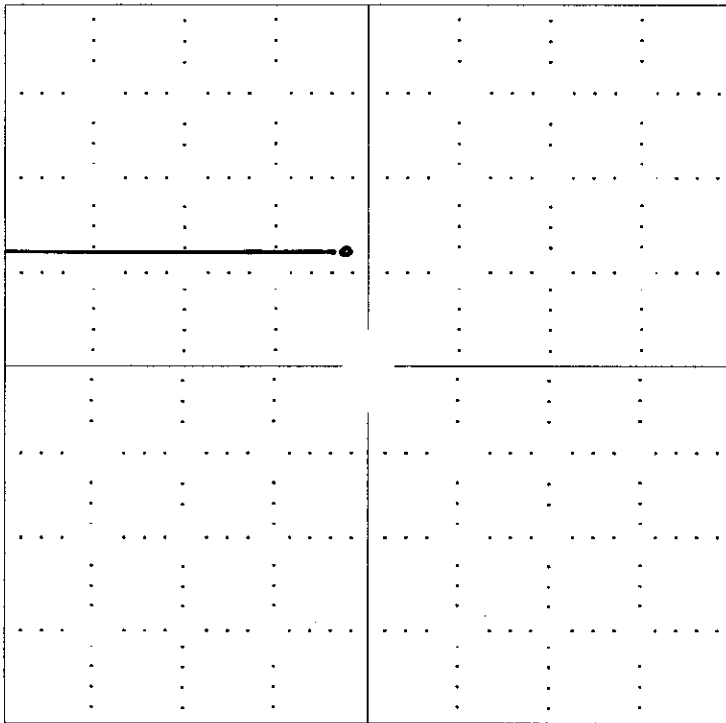
*If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. 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 - 065-23313-0000  
 Operator: Andy Anderson dba A & A Production  
 Lease: Bethell  
 Well Number: 2  
 Field: wildcat  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR / QTR / QTR of acreage: SENE - SE - NW

Location of Well: County: Graham  
 1890 \_\_\_\_\_ feet from  N /  S Line of Section  
 2540 \_\_\_\_\_ feet from  E /  W Line of Section  
 Sec. 12 Twp. 8 S. R. 21  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.)*



SEWARD CO.

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


**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: (C0-7 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>Andy Anderson dba A &amp; A Production</b>		License Number: <b>30076</b>
Operator Address: <b>P.O. Box 100, Hill City, KS 67642</b>		
Contact Person: <b>Andy Anderson</b>		Phone Number: ( <b>785</b> ) <b>421</b> - <b>2234</b>
Lease Name & Well No.: <b>Bethell #2</b>		Pit Location (QQQQ): <b>SE NE SE NW</b>
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>3,600</b> (bbls)	Sec. <b>12</b> Twp. <b>8</b> R. <b>21</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>1890</b> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <b>2540</b> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Graham</b> County
Is the pit located in a Sensitive Ground Water Area? <input checked="" 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? <b>Clay type soil</b>
Pit dimensions (all but working pits): <b>60</b> Length (feet) <b>60</b> Width (feet) <b>N/A: Steel Pits</b> Depth from ground level to deepest point: <b>5</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.
Distance to nearest water well within one-mile of pit <b>1604</b> feet    Depth of water well <b>42</b> feet		Depth to shallowest fresh water <b>30</b> feet. Source of information: _____ measured    _____ well owner    _____ 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: <b>drilling mud</b> Number of working pits to be utilized: <b>1</b> Abandonment procedure: <b>Let fluid evaporate and fill with excavated dirt</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.		
June 22, 2007 Date		 Signature of Applicant or Agent

15-065-23313-0000

<b>KCC OFFICE USE ONLY</b>		Call entr sac RFAC
Date Received: <b>6/22/07</b>	Permit Number: _____	Permit Date: <b>6/22/07</b> Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>RECEIVED</b>		

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

**JUN 22 2007**

CONSERVATION DIVISION  
WICHITA, KS



Kathleen Sebelius, Governor  
Thomas E. Wright, Chairman  
Robert E. Krehbiel, Commissioner  
Michael C. Moffet, Commissioner

June 22, 2007

Mr. Andy Anderson  
A & A Production  
PO Box 100  
Hill City, KS 67642

RE: Drilling Pit Application  
Bethell Lease Well No. 2  
NW/4 Sec. 12-08S-21W  
Graham County, Kansas

Dear Mr. Anderson:

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, **if sand is encountered during the construction of the reserve pit or working pits, please call the District Office at (785) 625-0550**. The free fluids must be removed from the reserve pit as soon as practical after drilling operations have ceased. **Please keep all pits away from any draws.**

**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 (785) 625-0550 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: H Deines

# Minimum Surface Casing Requirements

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Minimum surface casing requirements for protecting fresh and usable water and to meet alternate #1 on Intent to Drill cards, Form C-1  
S=Section, T=Township, R=Range

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## Graham County

In all except the special area identified below, cement surface pipe through the Dakota formation plus 50 feet into the underlying formation. The following options are open:

- (a) cement surface pipe through the Dakota plus 50 feet into the underlying formation or
- (b) cement surface pipe through all unconsolidated material plus 50 feet below the base of the Dakota to the surface.

If (b) is used and the hole is dry, refer to K.A.R. 82-3-114.

\* Within those areas of Township 7 South and 8 South of Range 21 West below surface elevation 2000 feet, the following large surface pipe or 8 5/8 inch surface pipe systems may be used. If the large surface pipe is used, surface pipe of at least 13 3/8 inches in diameter shall be cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation with a minimum of 40 feet being used. Then the options are:

- (a) set intermediate pipe to the Stone Corral (Anhydrite) and cement from the Stone Corral to surface or
- (b) cement the production string from the Anhydrite to surface immediately after it has been set.

If (b) is used and the hole is dry, plug per K.A.R. 82-3-114.

\* If the 8 5/8 inch surface pipe system is used, it will be set and cemented through all unconsolidated material plus a minimum of 20 feet into the underlying formation. A blowout preventor will be installed on the surface pipe. If serious flow problems occur, the hole will be plugged per K.A.R. 82-3-114. If the hole is completed and production pipe installed, cement the production string from the Stone Corral to surface immediately after it has been set. If the hole is dry, plug immediately per K.A.R. 82-3-114.

If Alternate II is used in the above listed special area, follow the procedure outlined in K.A.R. 82-3-106. The option for 120 days to complete cementing is not available and the operator should cement production casing from the Stone Corral to surface immediately.