



KANSAS CORPORATION COMMISSION 1016080
OIL & GAS CONSERVATION DIVISION

Form C-1
October 2007

For KCC Use:
Effective Date: 01/27/2008
District # 4
SGA? Yes No

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: 02/03/2008
month day year

Spot Description:
SE NE NW NE Sec. 4 Twp. 10 S. R. 24 E W
595 feet from N / S Line of Section
1,615 feet from E / W Line of Section

OPERATOR: License# 33704
Name: A & A Discovery, LLC
Address 1: 748 S 4TH AVE
Address 2:
City: HILL CITY State: KS Zip: 67642 + 2155
Contact Person: Darrel Anderson
Phone: 785-667-6144

Is SECTION: Regular Irregular

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

CONTRACTOR: License# 33237
Name: Anderson, C. D. dba Anderson Drilling

County: Graham
Lease Name: Critchfield Well #: 1
Field Name: wildcat

Is this a Prorated / Spaced Field? Yes No

Target Formation(s): Arbuckle

Well Drilled For: Well Class: Type Equipment:
Oil Gas Enh Rec Storage Disposal Seismic Other
Infield Pool Ext Wildcat Other
Mud Rotary Air Rotary Cable

Nearest Lease or unit boundary line (in footage): 595

Ground Surface Elevation: 2509 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: 1300

Surface Pipe by Alternate: I II

Length of Surface Pipe Planned to be set: 200

Length of Conductor Pipe (if any):

Projected Total Depth: 3800

Formation at Total Depth: Arbuckle

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:

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 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 15-065-23404-00-00
Conductor pipe required 0 feet
Minimum surface pipe required 200 feet per ALT. I II
Approved by: Kathy Haynes 01/29/2008
This authorization expires: 01/22/2009
(This authorization void if drilling not started within 12 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:



**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 - 15-065-23404-00-00  
 Operator: A & A Discovery, LLC  
 Lease: Critchfield  
 Well Number: 1  
 Field: wildcat

Location of Well: County: Graham  
 595 feet from  N /  S Line of Section  
 1,615 feet from  E /  W Line of Section  
 Sec. 4 Twp. 10 S. R. 24  E  W

Number of Acres attributable to well:  
 QTR/QTR/QTR/QTR of acreage: SE - NE - NW - NE

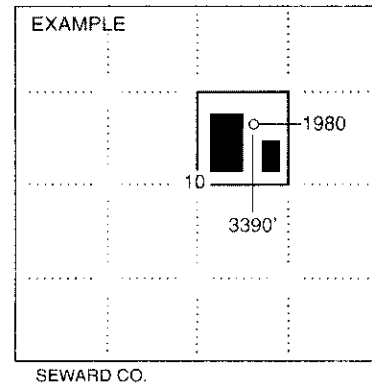
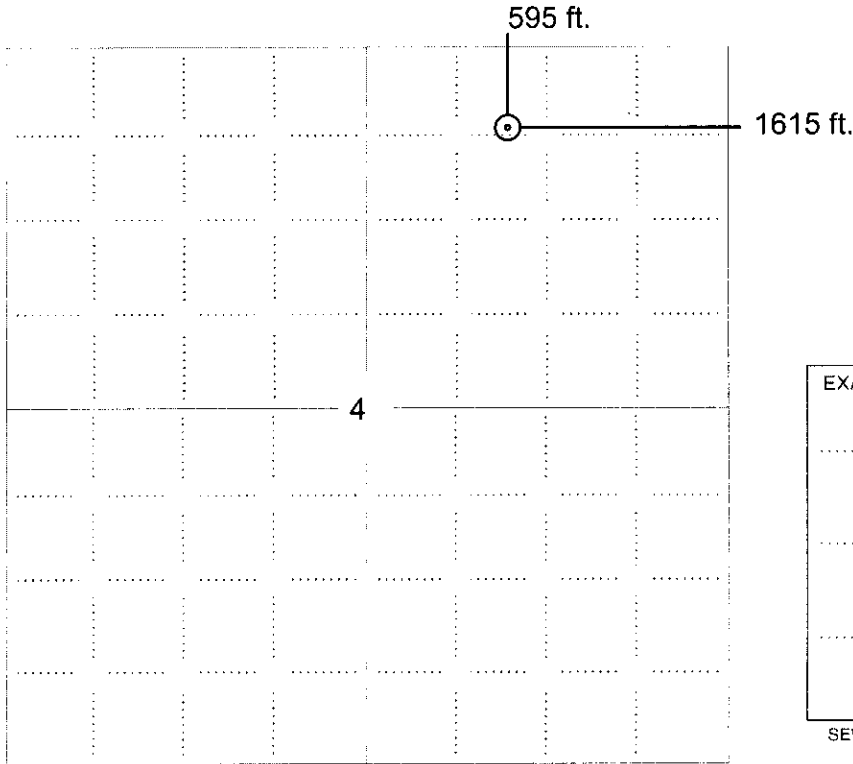
Is Section:  Regular or  Irregular

**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 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 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).

## APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: A & A Discovery, LLC		License Number: 33704	
Operator Address: 748 S 4TH AVE		HILL CITY KS 67642	
Contact Person: Darrel Anderson		Phone Number: 785-567-6144	
Lease Name & Well No.: Critchfield 1		Pit Location (QQQQ): SE NE NW NE	
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: 3,600 (bbls)	
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? clay type soil			
Pit dimensions (all but working pits): 60 Length (feet) 60 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 5 (feet) <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.	
Distance to nearest water well within one-mile of pit 1388 feet    Depth of water well 127 feet		Depth to shallowest fresh water 120 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: drilling mud Number of working pits to be utilized: 1 Abandonment procedure: Let fluid evaporate and fill with excavated dirt Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY

Steel Pit  RFAC  RFAS Date Received: 01/22/2008    Permit Number: 15-065-23404-00-00    Permit Date: 01/22/2008    Lease Inspection:  Yes  No

### Summary of Changes

Lease Name and Number: Critchfield 1

API: 15-065-23404-00-00

Doc ID: 1016080

Correction Number: 1

Approved By: Kathy Haynes 01/29/2008

Field Name	Previous Value	New Value
Expected Spud Date	01/28/2008	02/03/2008
Feet to Nearest Water Well Within One-Mile of Pit	1619	1388
Ground Surface Elevation	2502	2509
KCC Only - Approved By	Rick Hestermann 01/22/2008	Kathy Haynes 01/29/2008
Nearest Lease Or Unit Boundary	636	595
Number of Feet East or West From Section Line	1387	1615
Number of Feet East or West From Section Line	1387	1615
Number of Feet North or South From Section Line	636	595
Number of Feet North or South From Section Line	636	595