

For KCC Use: 7-5-2009
 Effective Date: 7
 District # 4
 SGA? Yes No

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION

Form C-1
 October 2007
 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: 7/6/2009
 month day year

OPERATOR: License# 32504
 Name: BLACKHAWK PRODUCTION COMPANY
 Address 1: 1607 Oakmont
 Address 2:
 City: Hays State: KS Zip: 67601
 Contact Person: Aaron Werth
 Phone: (785) 625-2041
 CONTRACTOR: License# 31548
 Name: Discovery Drilling Co., Inc.

Spot Description:
S/2 NW NW Sec. 20 Twp. 14 S. R. 18W E W
 (w/w/o) 980 feet from N / S Line of Section
642 feet from E / W Line of Section
 Is SECTION: Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)
 County: Ellis
 Lease Name: PFANNENSTIEL Well #: 2
 Field Name: Experiment South

Is this a Prorated / Spaced Field? Yes No
 Target Formation(s): LKC & Arbuckle
 Nearest Lease or unit boundary line (in footage): 642

Ground Surface Elevation: 2073 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: 750' 560'

Surface Pipe by Alternate: I II 200' → 1250'
 Length of Surface Pipe Planned to be set:
 Length of Conductor Pipe (if any): None

Projected Total Depth: 3900'
 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:

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

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: 25 June 2009 Signature of Operator or Agent: Thomas + [Signature] Title: Agent

For KCC Use ONLY
 API # 15 - 051-25882-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 600 feet per ALT. I II
 Approved by: Rut 6-30-2009
 This authorization expires: 6-30-2010
 (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: _____

RECEIVED

JUN 29 2009

KCC WICHITA

20-14-18
 E
 W

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 - 051-25882-00-00
 Operator: BLACKHAWK PRODUCTION COMPANY
 Lease: PFANNENSTIEL
 Well Number: 2
 Field: Experiment South

Location of Well: County: Ellis
980 feet from N / S Line of Section
642 feet from E / W Line of Section
 Sec. 20 Twp. 14 S. R. 18W E W

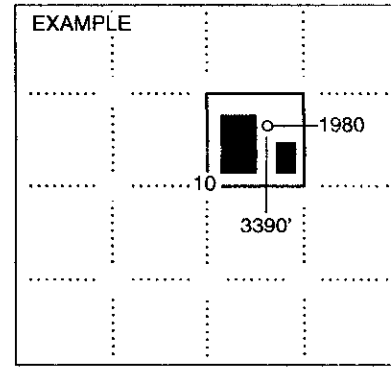
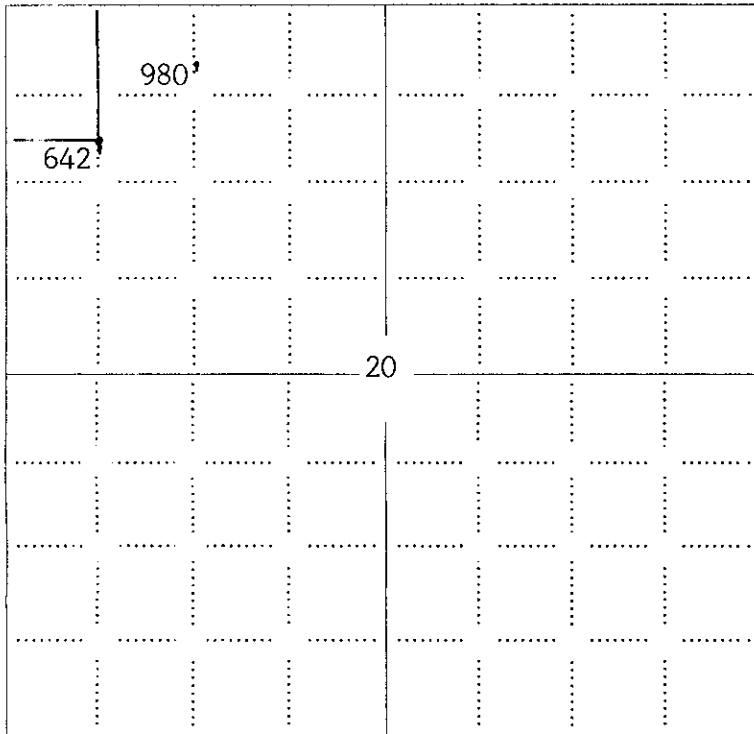
Number of Acres attributable to well: _____
 QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

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.

Ellis Co., KS

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
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: BLACKHAWK PRODUCTION COMPANY		License Number: 32504
Operator Address: 1607 Oakmont Hays, KS 67601		
Contact Person: Aaron Werth		Phone Number: (785) 625-2041
Lease Name & Well No.: PFANNENSTIEL # 2		Pit Location (QQQQ): S/2 NW NW
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: 3000 (bbbls)	Sec. 20 Twp. 14S R. 18W <input type="checkbox"/> East <input checked="" type="checkbox"/> West 980 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 642 Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section Ellis 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? Clay soil, native and fresh mud.
Pit dimensions (all but working pits): 70 Length (feet) 70 Width (feet) N/A: Steel Pits Depth from ground level to deepest point: 5 (feet)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determine liner integrity, including any special monitoring. <div align="right">RECEIVED JUN 29 2009 KCC WICHITA</div>
Distance to nearest water well within one-mile of pit 995 feet Depth of water well 476 feet		Depth to shallowest fresh water 195 feet. Source of information: _____ measured _____ well owner _____ electric log S KDWR
Emergency, Settling and Burn Pits ONLY: 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		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Fresh Mud Number of working pits to be utilized: 3 Abandonment procedure: Allow liquid contents to evaporate, let cuttings dry and backfill. 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 25, 2009 _____ Date Signature of Applicant or Agent		

157051-25882-00-00

KCC OFFICE USE ONLY		RFACTS
Date Received: 6/29/09 Permit Number: _____	Permit Date: 6/29/09 Lease Inspection: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

Public water supply well - SW NENW 20-14-18W



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

June 29, 2009

Blackhawk Production Company
1607 Oakmont
Hays, KS 67601

RE: Drilling Pit Application
Pfannenstiel Lease Well No. 2
NW/4 Sec. 20-14S-18W
Ellis County, Kansas

Dear Sir or Madam:

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 (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.

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,

A handwritten signature in cursive script that reads "Kathy Haynes".

Kathy Haynes
Department of Environmental Protection and Remediation

cc: File