

For KCC Use: 7-16-08  
Effective Date: 7-16-08  
District # 4  
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

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

Expected Spud Date July 19 2008  
month day year

OPERATOR: License# 5386 ✓  
Name: PRODUCTION DRILLING, INC.  
Address: P.O. Box 680  
City/State/Zip: Hays, KS 67601  
Contact Person: Aven Weaverling  
Phone: (785) 625-1189

CONTRACTOR: License# 31548 ✓  
Name: Discovery Drilling Co., Inc.

Well Drilled For: ☒ Oil ☐ Enh Rec ☐ Gas ☐ OWWO ☐ Seismic: # of Holes ☐ Other  
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 #: \_\_\_\_\_

Spot SE SE SW Sec. 17 Twp. 13 S. R. 20W ☐ East ☒ West  
330 feet from ☐ N / ☒ S Line of Section  
2310 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: RAYNESFORD Well #: 8  
Field Name: Raynesford

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

Target Information(s): LKC & Arbuckle

Nearest Lease or unit boundary: 330

Ground Surface Elevation: 2197 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: 800'

Surface Pipe by Alternate: ☐ 1 ☒ 2

Length of Surface Pipe Planned to be set: 200' +

Length of Conductor Pipe required: 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: \_\_\_\_\_

AFFIDAVIT

RECEIVED  
KANSAS CORPORATION COMMISSION

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: July 8, 2008 Signature of Operator or Agent: [Signature] Title: Agent

For KCC Use ONLY

API # 15 - 051-25799-0000

Conductor pipe required None feet

Minimum surface pipe required 200 feet per Alt. 102

Approved by: [Signature] 7-11-08

This authorization expires: 7-11-09

(This authorization void if drilling not started within 12 months of effective date.)

Spud date: \_\_\_\_\_ Agent: 12

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: \_\_\_\_\_

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

17  
13  
20W

**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 - 051-25799-0000  
 Operator: PRODUCTION DRILLING, INC.  
 Lease: RAYNESFORD  
 Well Number: 8  
 Field: Raynesford  
 Number of Acres attributable to well: \_\_\_\_\_  
 QTR / QTR / QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: Ellis  
330 feet from ☐ N / ☒ S Line of Section  
2310 feet from ☐ E / ☒ W Line of Section  
 Sec. 17 Twp. 13 S. R. 20W ☐ East ☒ West

Is Section: ☒ Regular or ☐ Irregular

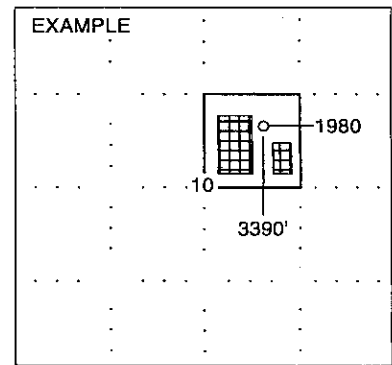
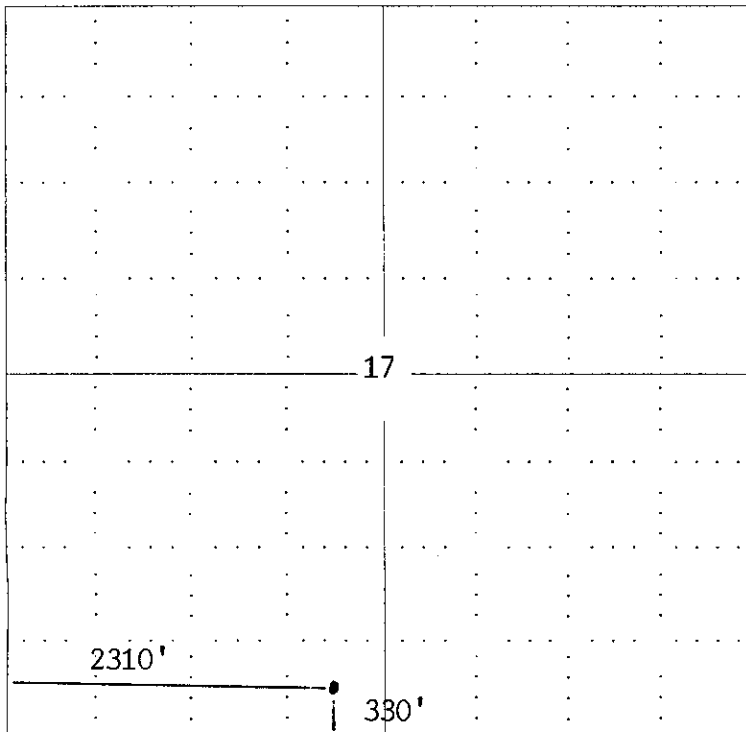
**If Section is Irregular, locate well from nearest corner boundary.**

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.**

Ellis Co., KS

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

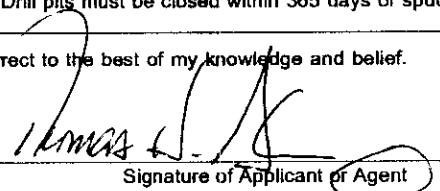
1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the section's south / north and east / west.
3. The distance to the nearest lease or unit 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**

Form CDP-1  
April 2004  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: <b>PRODUCTION DRILLING, INC.</b>		License Number: <b>5386</b>
Operator Address: <b>P.O. Box 680 Hays, KS 67601</b>		
Contact Person: <b>Aven Weaverling</b>		Phone Number: <b>(785 ) 625 - 1189</b>
Lease Name & Well No.: <b>RAYESFORD # 8</b>		Pit Location (QQQQ): _____ SE _____ SE _____ SW Sec. <b>17</b> Twp. <b>13S</b> R. <b>20W</b> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <b>330</b> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <b>2310</b> Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section <b>Ellis</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>3000</b> (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? <b>Clay soil, native and fresh mud.</b>
Pit dimensions (all but working pits): <b>70</b> Length (feet) <b>70</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>2760</b> feet Depth of water well <b>52</b> feet		Depth to shallowest fresh water <b>17</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>Fresh Mud</b> Number of working pits to be utilized: <b>3</b> Abandonment procedure: <b>Allow liquid contents to evaporate, let cuttings dry and backfill.</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>RECEIVED</b> KANSAS CORPORATION COMMISSION
<b>July 8, 2008</b> Date	 Signature of Applicant or Agent	<b>JUL 10 2008</b> CONSERVATION DIVISION WICHITA, KS

**KCC OFFICE USE ONLY**

Date Received: **7/10/08** Permit Number: \_\_\_\_\_ Permit Date: **7/10/08** Lease Inspection: ☐ Yes ☒ No

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

15-051-25 799-0000

**KCC -- Conservation Division Forms -- 11/01/2007**Internet KCC Home Page -- <http://kcc.ks.gov>Conservation Division Home Page -- <http://kcc.ks.gov/conservation/index.htm>Conservation Division Forms -- <http://kcc.ks.gov/conservation/forms/index.htm>**ADOBE FILL-IN FORM ON INTERNET**

## FORM DATE

**General Administrative**

- 09/2005 ■ License Application OPL-1
- 04/2004 ■ Request for Change of Operator; Transfer of Injection or Surface Pit Permit T-1

**Well Permitting**

- 10/2007 ■ Notice of Intent to Drill C-1 Please use updated form on future filings.
- 04/2004 ■ Application for Surface Pit CDP-1
- 12/1993 ■ Cathodic Protection Borehole Intent to Drill CB-1

**Well Completion Reports and Other Well Application**

- 09/1999 ■ Well Completion Form ACO-1
- 09/2005 ■ Commingling Application ACO-4
- 05/1988 ■ Dual Completion Report ACO-5
- 09/2005 ■ Well Location Exception Application Check List ACO-17
- 09/2005 ■ Venting-Flaring of Gas ACO-18
- 09/2005 ■ Extended Gas Venting Affidavit CG-3
- 09/2005 ■ Coalbed Natural Gas Venting Affidavit CG-4
- 10/2004 ■ Temporary Abandonment Application CP-111
- 09/2003 ■ Verified Affidavit For Vacuum Operations V-1

**Surface Pits and Waste Transfer**

- 04/2004 ■ Application for Surface Pit CDP-1
- 04/2004 ■ Closure of Surface Pit CDP-4
- 04/2004 ■ Exploration and Production Waste Transfer CDP-5

**Well Plugging Report**

- 09/2003 ■ Well Plugging Application CP-1
- 12/2003 ■ Well Plugging Record CP-4
- 08/2003 ■ Seismic Hole Affidavit

**Oil & Gas Well Testing Report**

- 10/1996 ■ Oil Productivity Test & GOR Report C-5
- 10/1996 ■ Multi-Point Back Pressure Test CG-1
- 07/2003 ■ One Point Stabilized Open Flow or Deliverability Test G-2

**Gas Gathering Report**

- 04/1998 ■ Gas Gathering Report GG-1
- 04/1998 ■ Gas Gathering Segment Report GG-1a

**Oil and Gas Producer's Report**

- 06/1989 ■ Summary of Oil Producers Report CO-8, CO-8A
- 08/2000 ■ Gas Producer/Purchaser Monthly Report CG-7, CG-7A

**Acreage Attribution and Well Spacing Report**

- 12/1994 ■ Oil Acreage Attribution Plat CO-7
- 12/1994 ■ Gas Acreage Attribution Plat CG-8
- 05/1989 ■ Application for Well Spacing ACO-7

**New Pool and Certificate of Enhancement Projects (Severance Tax Exemptions) Request**

- 10/2005 ■ New Pool Determination-Discovery Allowable ACO-16
- 10/1999 ■ Application for Enhanced Recovery Project Certification CER-1, and  
Calculation Sheet Base Production Calculation and Certification CER 1-A

**Underground Injection Control Report**

- 07/2003 ■ UIC Application U-1
- 07/2003 ■ Annual Report U3-C. This form is required on an annual basis due each March 1.
- 07/2003 ■ Notice of Injection (of commencement or termination of injection) U-5
- 07/2003 ■ Application to Amend Injection Order U-8
- 07/2003 ■ Notice to Modify Injection Order U-9

**Wireline Service**

- 08/2003 ■ Monthly Wireline Service Company Report MWSC-1