

For KCC Use: 11-14-2012  
Effective Date: 2  
District #: 2  
SGA? ☒ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form C-1  
March 2010  
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  
Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date: November 17 2012  
month day year

OPERATOR: License# 34655 ✓  
Name: Bird Dog Oil, LLC  
Address 1: 1801 Broadway, Ste.#450  
Address 2: \_\_\_\_\_  
City: Denver State: CO Zip: 80202 + \_\_\_\_\_  
Contact Person: Scott Stewart  
Phone: 303-534-1686  
CONTRACTOR: License# 33350 ✓  
Name: Southwind Drilling, Inc.

Well Drilled For: ☒ Oil ☐ Gas ☐ Enh Rec ☐ Storage ☐ Disposal ☐ Seismic; # 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 #: \_\_\_\_\_

\*NLUB Notice attached

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: 11/8/12 Signature of Operator or Agent: [Signature] Title: Manager

For KCC Use ONLY

API # 15 - 159-22714-0000  
Conductor pipe required None feet  
Minimum surface pipe required 260 feet per ALT. ☒ I ☐ II  
Approved by: [Signature] 11-9-2012  
This authorization expires: 11-9-2013  
(This authorization void if drilling not started within 12 months of approval date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

Spot Description: \_\_\_\_\_  
SE - SE - NW - Sec. 30 Twp. 19 S. R. 10 ☐ E ☒ W  
(a/a/a/a) 2,520 feet from ☒ N / ☐ S Line of Section  
2,840 feet from ☒ E / ☐ W Line of Section

Is SECTION: ☐ Regular ☒ Irregular?

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

County: Rice  
Lease Name: Pioneer-Orth Well #: 1-30  
Field Name: Chase-Silica ✓  
Is this a Prorated / Spaced Field? ☐ Yes ☒ No  
Target Formation(s): Arbuckle

\* Nearest Lease or unit boundary line (in footage): 2520' ✓  
Ground Surface Elevation: 1724' 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: 240'  
Surface Pipe by Alternate: ☒ I ☐ II  
Length of Surface Pipe Planned to be set: 260-300  
Length of Conductor Pipe (if any): N/A  
Projected Total Depth: 3450'  
Formation at Total Depth: Arbuckle  
Water Source for Drilling Operations: ☒ Well ☐ Farm Pond ☐ Other: \_\_\_\_\_  
DWR Permit #: \_\_\_\_\_

(Note: Apply for Permit with DWR) ☒ Yes ☐ No

Will Cores be taken? ☐ Yes ☒ No  
If Yes, proposed zone: \_\_\_\_\_

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Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- 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 well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

☐ Well will not be drilled or Permit Expired Date: \_\_\_\_\_  
Signature of Operator or Agent: \_\_\_\_\_

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

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API # 15 - 159-22714-0000**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: Bird Dog Oil, LLC

Lease: Pioneer-Orth

Well Number: 1-30

Field: Chase-Silica

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: SE - SE - NW - \_\_\_\_\_

Location of Well: County: Rice

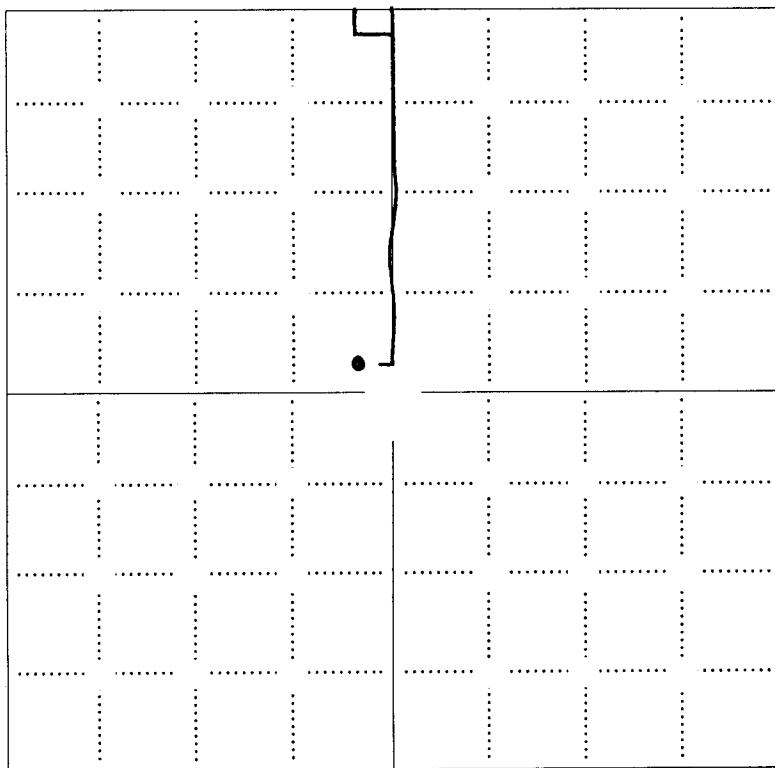
2,520 feet from ☒ N / ☐ S Line of Section2,840 feet from ☒ E / ☐ W Line of SectionSec. 30 Twp. 19 S. R. 10 ☐ E ☒ WIs Section: ☐ Regular or ☒ Irregular

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

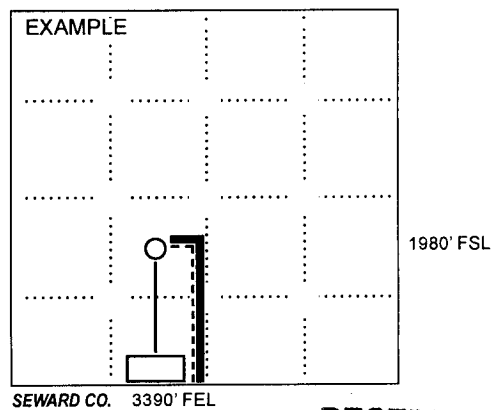
Section corner used: ☐ NE ☒ NW ☐ SE ☐ SW**PLAT**

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).

You may attach a separate plat if desired.

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

- ☐ Well Location
- ☐ Tank Battery Location
- ☐ Pipeline Location
- ☐ Electric Line Location
- ☐ Lease Road Location



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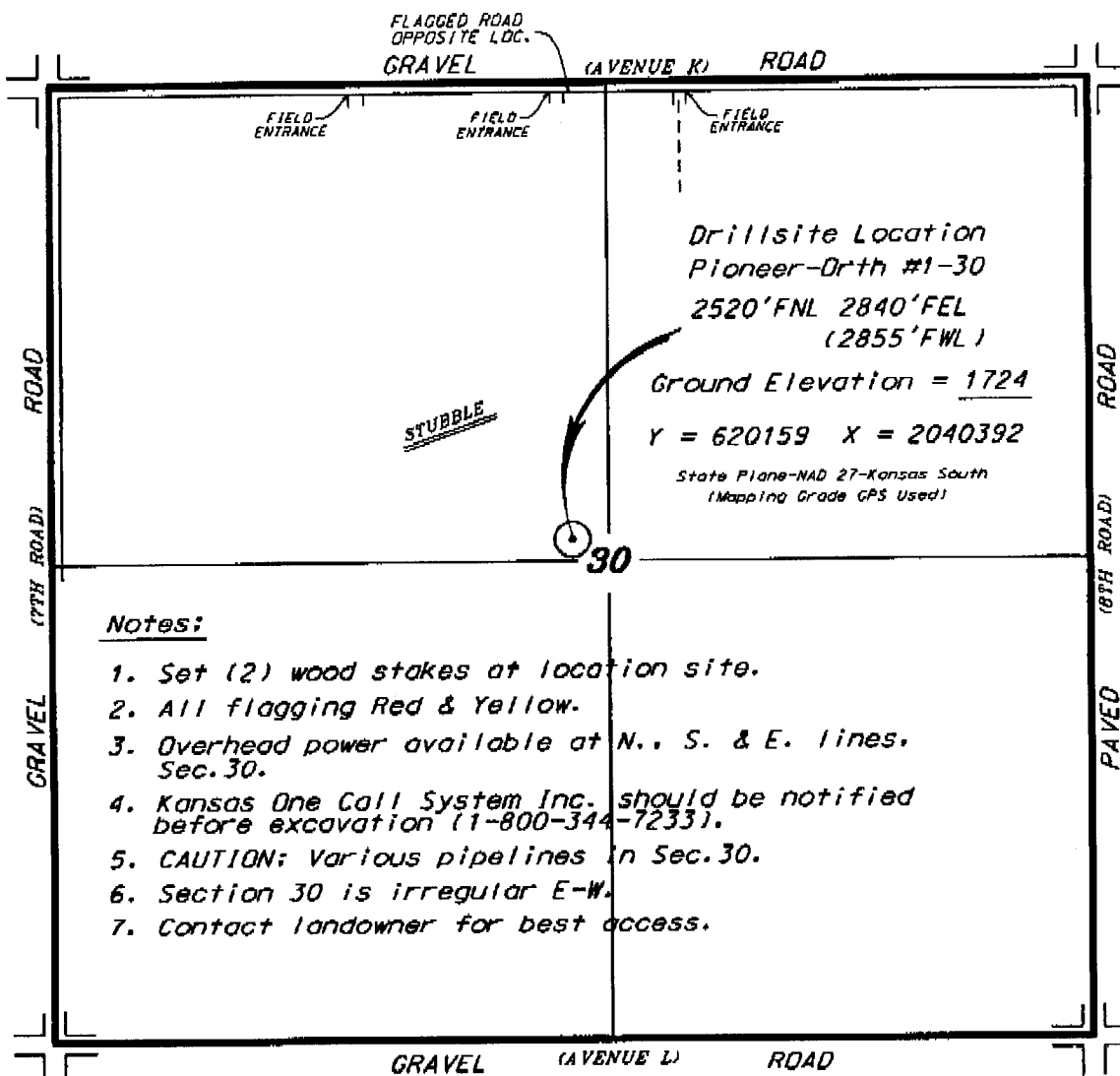
KCC WICHITA

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

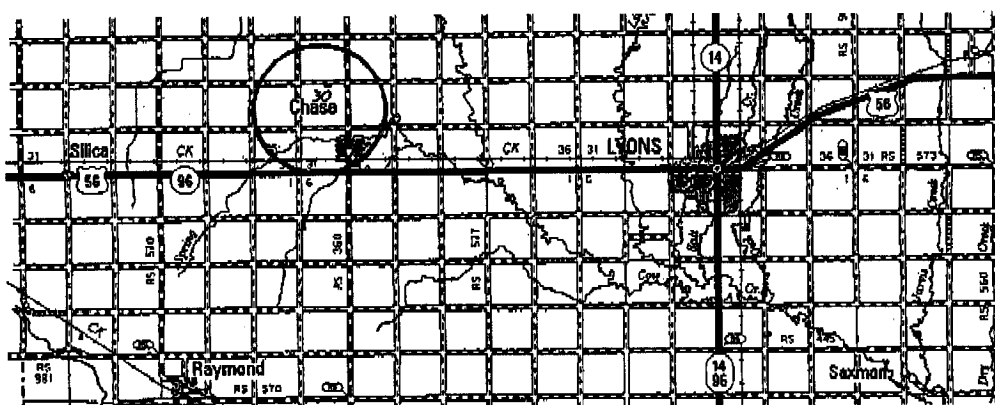
1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease 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: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

BIRD DOG OIL, LLC  
PIONEER-ORTH LEASE  
NW.1/4, SECTION 30, T19S, R9W  
RICE COUNTY, KANSAS

15159-22714-0000



SCALE 1" = 1000'



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• Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

• Approximate section lines were determined using the normal standards of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and hold entities released from any liability from incidental or consequential damages.

• Elevations derived from National Geodetic Vertical Datum.

Date November 5, 2012

CENTRAL KANSAS OILFIELD SERVICES, INC. (620)792-1977

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form KSONA-1  
July 2010  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**CERTIFICATION OF COMPLIANCE WITH THE  
KANSAS SURFACE OWNER NOTIFICATION ACT**

15-159-22714-0000

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: ☒ C-1 (Intent) ☐ CB-1 (Cathodic Protection Borehole Intent) ☐ T-1 (Transfer) ☐ CP-1 (Plugging Application)

OPERATOR: License # 34655  
Name: Bird Dog Oil, LLC  
Address 1: 1801 Broadway, Ste.#450  
Address 2: \_\_\_\_\_  
City: Denver State: CO Zip: 80202 + \_\_\_\_\_  
Contact Person: Scott Stewart  
Phone: ( 303 ) 534-1686 Fax: ( 720 ) 294-1487  
Email Address: sstewart@birddogoil.com

Well Location:  
SE SE NW Sec. 30 Twp. 19 S. R. 10 ☐ East ☒ West  
County: Rice  
Lease Name: Pioneer-Orth Well #: 1-30

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

**Surface Owner Information:**

Name: Barbara Orth and Loren J. Orth  
Address 1: 460 Ave. E  
Address 2: \_\_\_\_\_  
City: Bushton State: KS Zip: 67427 + \_\_\_\_\_

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

**Select one of the following:**

- ☒ I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- ☐ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

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

Date: 11/8/12 Signature of Operator or Agent: [Signature] Title: Manager

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KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR SURFACE PIT

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Form CDP-1  
May 2010  
Form must be Typed

Submit in Duplicate

Operator Name: Bird Dog Oil, LLC		License Number: 34655	
Operator Address: 1801 Broadway, Ste.#450		Denver CO 80202	
Contact Person: Scott Stewart		Phone Number: 303-534-1686	
Lease Name & Well No.: Pioneer-Orth 1-30		Pit Location (QQQQ): SE - SE - NW - Sec. 30 Twp. 19 R. 10 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2,520 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 2,840 Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section Rice 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 (If WP Supply API No. or Year Drilled)	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: Pit capacity: (bbls)		
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
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? Bentonite	
Pit dimensions (all but working pits): 100 Length (feet) 80 Width (feet) Depth from ground level to deepest point: 4 (feet)		<input type="checkbox"/> N/A: Steel Pits <input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Bentonite from the drilling mud will coat the sides and the bottom of the pit.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Bentonite from the drilling mud will stay in place until the pit is squeezed and closed.	
Distance to nearest water well within one-mile of pit: 656 feet Depth of water well 90 feet		Depth to shallowest fresh water 55 14 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: Fresh Water and Bentonite Number of working pits to be utilized: 3 Abandonment procedure: Haul off fluids after salts. Allow pits to dry. Squeeze 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. 11/8/12 Date Signature of Applicant or Agent			

KCC OFFICE USE ONLY

☐ Liner ☐ Steel Pit ☒ RFAC ☒ RFAS  
Date Received: 11-9-12 Permit Number: Permit Date: 11-9-12 Lease Inspection: ☒ Yes ☐ No

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

15-159-22714-0000

## NOTICE

### Nearest Lease or Unit Boundary Line

K.A.R. 82-3-108 provides that all oil and gas well locations must comply with setback requirements, unless an exception has been granted by the Commission. Depending upon whether the subject well is an oil well or gas well, and also depending upon the county in which the well is located, the setback may be 330 feet or 165 feet from the nearest lease or unit boundary.

This Intent to Drill ("C-1") form indicates that the distance between the well and the nearest lease or unit boundary will comply with the setback requirement. Accordingly, the C-1 has been approved. However, the C-1 also stated that the well location is very near a boundary line of a Section or a Quarter-Section. This notice is being sent as a courtesy reminder, in case an error was made on the C-1.

As the operator of the proposed well, you must independently verify that the proposed well location complies with the applicable regulatory setback. If at any time it should appear that a well does not comply with the regulatory setback, the well may be subject to being shut-in pending Commission approval of an application for a well location exception. In addition, if such an application is not granted by the Commission, you may be required to plug the well.

If the proposed well location will comply with the regulatory setback, this notice may be disregarded. Please contact the KCC Production Department with any questions or concerns.

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 9, 2012

Bird Oil, LLC  
1801 Broadway Ste 450  
Denver, CO 80202

Re: Drilling Pit Application  
Pioneer-Orth Lease Well No. 1-30  
NW/4 Sec. 30-19S-10W  
Rice 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 within 96 hours of drilling completion.

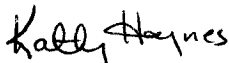
**If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.**

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: File