

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. 20 April Expected Spud Date: month NW SE NE _ Sec. 23 Twp. 19 S. R. 10 EXW (Q/Q/Q/Q 34655 ____ feet from N / S Line of Section OPERATOR: License# 1,030 Name: Bird Dog Oil, LLC Is SECTION: Regular Irregular? Address 1: 1801 Broadway, Ste. # 450 Address 2: (Note: Locate well on the Section Plat on reverse side) City: Denver State: CO County: Rice Contact Person: Scott Stewart Lease Name: Pioneer-Stickney _ Well #: _1-23 Phone: __303-534-1686 Field Name: Chase Silica CONTRACTOR: License#__33350 Is this a Prorated / Spaced Field? Yes X Name: Southwind Drilling, Inc. Target Formation(s): Arbuckle Nearest Lease or unit boundary line (in footage): 1030 Well Drilled For: Well Class: Type Equipment: Ground Surface Elevation: __1742' feet MSL Enh Rec XInfield/ X Mud Rotary Water well within one-quarter mile: Pool Ext. Air Rotary Storage Public water supply well within one mile: Yes Wildcat Cable Disposal Depth to bottom of fresh water: 180' # of Holes Depth to bottom of usable water: 26 2 40 lOther Surface Pipe by Alternate: X If OWWO: old well information as follows: Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): N/A Operator: Projected Total Depth: 3400 Well Name: Formation at Total Depth: Arbuckle Original Total Depth: Original Completion Date: ___ Water Source for Drilling Operations: Directional, Deviated or Horizontal wellbore? X Well Farm Pond Other: If Yes, true vertical depth: ___ Bottom Hole Location: (Note: Apply for Permit with DWR X KCC DKT #: Will Cores be taken? Yes X No If Yes, proposed zone: Oil : bas Leases w/pooling clauses submitted 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. 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; The appropriate district office will be notified before well is either plugged or production casing is cemented in; 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, NQTIFY 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. Manager Signature of Operator or Agent: Remember to: File Certification of Compliance with the Kansas Surface Owner Notification 23 22687-000 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; 9 Minimum surface pipe required File acreage attribution plat according to field proration orders; Approved by: Kus 4 18 Notify appropriate district office 48 hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); This authorization expires: 4-18-2013 Obtain written approval before disposing or injecting salt water. (This authorization void if drilling not started within 12 months of approval date.) 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. Spud date: Well will not be drilled or Permit Expired Date: _ Signature of Operator or Agent:

For KCC Use ONLY
API # 15 - 159-22687-0000

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	Location of Well: County: Rice
Lease: Pioneer-Stickney	1,535 feet from N / S Line of Section
Well Number: 1-23	1,030 feet from $X \to I$ W Line of Section
Field: Chase Silica	Sec. <u>23</u> Twp. <u>19</u> S. R. <u>10</u> E 🔀 W
Number of Acres attributable to well: QTR/QTR/QTR/QTR of acreage: _NWSENE	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. 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.

					1,53	1,030' <u></u>	battery		Well Tank Pipel Elect Leas	END Location Battery L ine Locat ric Line L e Road L	ion ocation	
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:								SEWARD CO.	3390' FE	L		•

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

RECEIVED

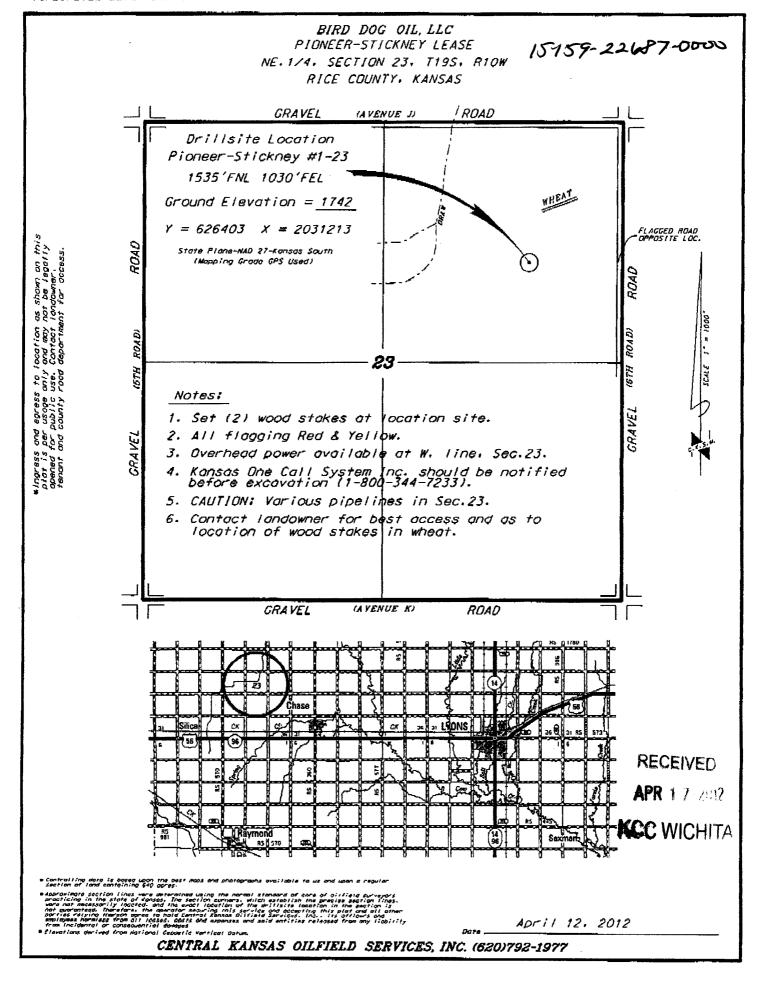
In plotting the proposed location of the well, you must show:

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,

2. The distance of the proposed drilling location from the south / north and east / west outside section lines.

KCC WICHITA

- 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.



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 15159-226 87-0000

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.

OPERATOR: License # 34655	Well Location:
OPERATOR: License # 34655 Name: Bird Dog Oil, LLC	NW_SE_NE Sec. 23 Twp. 19 S. R. 10 Eas X West
Address 1: 1801 Broadway, Ste. # 450	County: Rice
	County: Rice Lease Name: Pioneer-Stickney Well #: 1-23
City: Denver State: CO Zip: 80202 +	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person: Scott Stewart	the lease below:
Phone: (303) 534-1686 Fax: (720) 294-1487	_
Address 2:	_
Surface Owner Information:	
Name: Leroy E. Stickney, et ux	When filing a Form T-1 involving multiple surface owners, attach an additional
Name: Leroy E. Stickney, et ux Address 1: 615 Avenue N	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
Address 2:	
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathe KCC with a plat showing the predicted locations of lease roads,	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plat
City: Chase State: KS Zip: 67524 +	athodic Protection Borehole Intent), you must supply the surface owners and
City: Chase State: KS Zip: 67524 +	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plated on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. The Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form form being filed is a Form C-1 or Form CB-1, the plat(s) required by this
State: KS Zip: 67524 +	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plated on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. The Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form form being filed is a Form C-1 or Form CB-1, the plat(s) required by this
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State: KS Zip: 67524 +	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plated on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. The Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form orm being filed is a Form C-1 or Form CB-1, the plat(s) required by this interpretation, and email address. I acknowledge that, because I have not provided this information, the electric owner(s). To mitigate the additional cost of the KCC performing this dling fee, payable to the KCC, which is enclosed with this form.
City: Chase State: KS Zip: 67524 # If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathe KCC with a plat showing the predicted locations of lease roads, are preliminary non-binding estimates. The locations may be entered Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be CP-1 that I am filing in connection with this form; 2) if the form; and 3) my operator name; address, phone number, father than the context of the surface owner(s). KCC will be required to send this information to the surface task, I acknowledge that I am being charged a \$30.00 hand.	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plated on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted. The Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form orm being filed is a Form C-1 or Form CB-1, the plat(s) required by this ax, and email address. I acknowledge that, because I have not provided this information, the e owner(s). To mitigate the additional cost of the KCC performing this dling fee, payable to the KCC, which is enclosed with this form. If the fee is not received with this form, the KSONA-1 CP-1 will be returned. RECEIVED

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

			1	
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-Stickney 1-23		3	Pit Location (QQQQ):	
Type of Pit:	Pit is:		NW _ SE _ NE _	
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 23 Twp. 19 R. 10 East [X West
Settling Pit X Drilling Pit	If Existing, date cor		1,535 Feet from North / South Line	
Workover Pit Haul-Off Pit			1,030 Feet from X East / West Line	
(If WP Supply API No. or Year Drilled)	Pit capacity:		Rice	
		(bbls)		County
Is the pit located in a Sensitive Ground Water	Area? X Yes	No	Chloride concentration:	mg/l 'y)
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?	
X Yes No	Yes X N	lo 	Bent.	······
Pit dimensions (all but working pits):	00 Length (fee	et)80	Width (feet) N/A: Stee	el Pits
Depth fr	om ground level to dee	epest point:	4 (feet) No Pit	
If the pit is lined give a brief description of the material, thickness and installation procedure.	liner		dures for periodic maintenance and determining	
material, inickness and installation procedure.			ncluding any special monitoring	
S 4 14 6 41 1 1111	. 211 4 41		ncluding any special monitoring.	
	will coat the	Bentonite f	rom the drilling mud will stay in place	e until
	will coat the	Bentonite f	• • •	e until
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ides and bottom of the pit.	of pit:	Bentonite f the pit is so	rom the drilling mud will stay in place queezed and closed west fresh water 55	e until
Distance to nearest water well within one-mile	of pit:	Bentonite f the pit is so Depth to shallo Source of infor measured	rom the drilling mud will stay in place queezed and closed west fresh water 55	
Distance to nearest water well within one-mile 13/6 feet Depth of water well Emergency, Settling and Burn Pits ONLY:	of pit: feet	Bentonite f the pit is so Depth to shallo Source of infor measured Drilling, Worke	rom the drilling mud will stay in place queezed and closed west fresh water 55	KDWR
Distance to nearest water well within one-mile 1316 feet Depth of water well Emergency, Settling and Burn Pits ONLY: Producing Formation:	of pit: <u>(</u>	Bentonite f the pit is so Depth to shallo Source of infor measured Drilling, Worke	rom the drilling mud will stay in place queezed and closed west fresh water55 feet. mation: well owner electric log over and Haul-Off Pits ONLY: tutilized in drilling/workover: Fresh Water and Ber king pits to be utilized: 3	KDWR ntonite
bides and bottom of the pit. Distance to nearest water well within one-mile	of pit: <u>(</u>	Bentonite f the pit is so Depth to shallo Source of infor measured Drilling, Worke	rom the drilling mud will stay in place queezed and closed west fresh water 55	KDWR Intonite
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Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

April 18, 2012

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

Re:

Drilling Pit Application

Pioneer-Stickney Lease Well No. 1-23

NE/4 Sec. 23-19S-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 <u>without slots</u>, 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 within 72 hours 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 (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2008), 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,

Kathy Haynes

Environmental Protection and Remediation Department

cc: File