For KCC Use:

Eff	e	ct	iv	е	Date:

District	#	

SGA?	Yes	No
SGAS	res	

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

March 2010 Form must be Typed Form must be Signed All blanks must be Filled

Form C-1

# NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form KSONA-1, Certification of Com	pliance with	the Kansas	Surface Owner	Notification Act, MUST	be submitted with this form

Expected Spud Date:	Spot Description:
month day year	
OPERATOR: License#	feet from N / S Line of Section
Name:	feet from L E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side)
City: State: Zip: +	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For:   Well Class:   Type Equipment:     Oil   Enh Rec   Infield   Mud Rotary     Gas   Storage   Pool Ext.   Air Rotary     Disposal   Wildcat   Cable     Seismic ;   # of Holes   Other     Other:	Nearest Lease or unit boundary line (in footage):     Ground Surface Elevation:     Yearest Lease or unit boundary line (in footage):     Ground Surface Elevation:     Yearest Lease or unit boundary line (in footage):     Ground Surface Elevation:     Yes     No     Public water supply well within one mile:     Yes     No     Depth to bottom of fresh water:     Depth to bottom of usable water:     Surface Pipe by Alternate:     I     Il     Length of Surface Pipe Planned to be set:     Length of Conductor Pipe (if any):     Projected Total Depth:     Formation at Total Depth:
Directional. Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
Bottom Hole Location:	DWR Permit #:
KCC DKT #:	( <b>Note:</b> Apply for Permit with DWR )
100 Ditt #	Will Cores be taken?
	If Yes, proposed zone:

#### **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 E	Electronically
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For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT.
Approved by:	
This authorization expires:	
Spud date: Agent:	

#### 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:

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



For KCC Use ONLY

API # 15 - \_\_\_\_

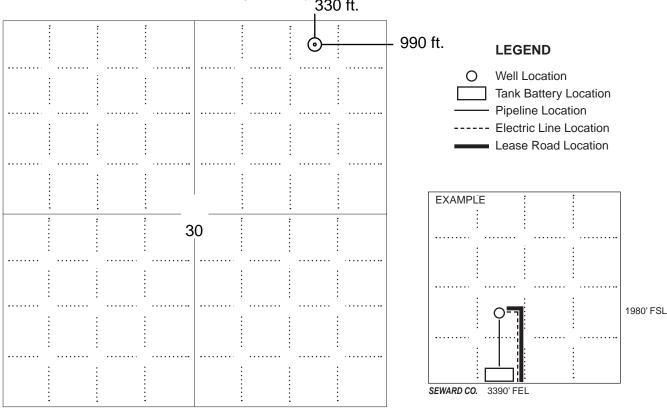
### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R 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. 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. 330 ft.



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: (C0-7 for oil wells; CG-8 for gas wells).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Side Two

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form CDP-1 May 2010 Form must be Typed

1122176

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name:		binit in Dupicat	License Number:		
Operator Address:					
Contact Person:			Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):	Pit Location (QQQQ):	
Type of Pit:	Pit is:		= = =		
Emergency Pit Burn Pit	Proposed	Existing	SecTwp R East West		
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section		
Workover Pit Haul-Off Pit	Pit capacity:		Feet from East / West Line of Section		
(If WP Supply API No. or Year Drilled)		(bbls)		County	
Is the pit located in a Sensitive Ground Water A	Area? Yes	No	Chloride concentration:	ts and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner?	٧o	How is the pit lined if a plastic lin	er is not used?	
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet)	N/A: Steel Pits	
Depth fro	om ground level to dee	epest point:	(feet)	No Pit	
Distance to nearest water well within one-mile	Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water feet.				
feet Depth of water well	feet	Source of inform		ctric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	Type of material utilized in drilling/workover:		
Number of producing wells on lease:		Number of working pits to be utilized:			
Barrels of fluid produced daily:		Abandonment procedure:			
Does the slope from the tank battery allow all spilled fluids to     flow into the pit?   Yes   No			Drill pits must be closed within 365 days of spud date.		
Submitted Electronically					
KCC OFFICE USE ONLY					
Date Received: Permit Num	ber:	Permi	t Date: Lease I	nspection: Yes No	

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

OIL & GAS CONSI CERTIFICATION OF C	ATION COMMISSION 1122176 ERVATION DIVISION TO Form Must Be Typed Form Must be Signed All blanks must be Filled
T-1 (Request for Change of Operator Transfer of Injection of	f Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); or Surface Pit Permit); and CP-1 (Well Plugging Application). mpanying Form KSONA-1 will be returned. Cathodic Protection Borehole Intent) <b>T-1</b> (Transfer) <b>CP-1</b> (Plugging Application)
OPERATOR:   License #	Well Location:
Surface Owner Information:     Name:     Address 1:     Address 2:     City:	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.

## Submitted Electronically

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Page 1 c	of 1	Staking For: CFA	Oil Company	
		Riley County I	Kansas	
	20 A M - A A	Sec. 30, T105		
	Mertz Lease Line	Downy Lease L	INP HWY 18 (Public, Pav	ed)
NW 1/4		33 Well: MERTZ #1 330'	Driffing Access Rd	NE 1/4
	Lease Road & Pip RO <sup>5</sup> '	Tanks		29,7105,895
C SW 1/4		- 1 <i>7</i> 4		SE 1/4
	Operator: CFA Oil Company Topography & Vegetation: ( field is flat with very slight		State of Kansas ) ) SS	
	Well No: MERTZ #1 Elevation of Ground at Stak Coordinates staked out for Datum: North American (NA	proposed well.	County of Riley ) I, Chad R. Abbott, L.S. #1340 do her true representation of an Oil Well Loo me or under my direct supervision a Land Surveyor in the State of Kansa	cation Survey performed by nd that I am a duly licensed
	State Plane Coordinates: Ko	nnsas North Zone (NAD27) 2,439,959' 1 flagged. rc. 30)	Date of Survey: March, 2013. Date of Preparation: March 4, 2013	13-
Ν	* = Distances shown are a upon calculated distances a but have not been verified 	nd located improvements	Chad R. Abbott L.S. #1340 LS-1340 3-7-2013	R
1" = 100 0 500	0' 1000		A STATE OF THE STA	ABBOTT LAND SURVEY 520 S. HOLLAND, SUITE 103 WICHTA, KS 67209 PH 316.262.2262 FAX 316.262.2268
Dwn. By:	C.R.A.	C: drawings/d	pilwells/A12778	surveyors@benchmarkls.net

Page 1 c	of 1	Staking For: CFA	Oil Company	
		Riley County I	Kansas	
	20 A M - A A	Sec. 30, T105		
	Mertz Lease Line	Downy Lease L	INP HWY 18 (Public, Pav	ed)
NW 1/4		33 Well: MERTZ #1 330'	Driffing Access Rd	NE 1/4
	Lease Road & Pip RO <sup>5</sup> '	Tanks		29,7105,895
C SW 1/4		- 1 <i>7</i> 4		SE 1/4
Operator: CFA Oil Company Topography & Vegetation: Crop Harvested, State of Kansas ) field is flat with very slight drop to the West. ) SS				
Well No: MERTZ #1 Elevation of Ground at Stake:1006' (NAVD88) Coordinates staked out for proposed well. Datum: North American (NAD83)			County of Riley ) I, Chad R. Abbott, L.S. #1340 do hereby certify that this is a true representation of an Oil Well Location Survey performed by me or under my direct supervision and that I am a duly licensed Land Surveyor in the State of Kansas.	
	State Plane Coordinates: Kansas North Zone (NAD27) North: 304,365' East: 2,439,959' Well staked with 4' lath and flagged. 330'± FNL (of NE 1/4 of Sec. 30) 990'± FEL (of NE 1/4 of Sec. 30) * = Distances shown are approximate and based upon calculated distances and located improvements but have not been verified by a boundary survey. — — — — — — — — = Section Line $\overrightarrow{\mathbf{M}}$ = Subject Well		Date of Survey: March, 2013. Date of Preparation: March 4, 2013 Chad R Abbott L.S. #1340 LS-1340 3-7=2013	
Ν				
1" = 100 0 500	0' 1000		A STATE OF THE STA	ABBOTT LAND SURVEY 520 S. HOLLAND, SUITE 103 WICHTA, KS 67209 PH 316.262.2262 FAX 316.262.2268
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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/

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

April 16, 2013

Donald C. Clark Clark, Donald C. dba CFA Oil Company PO BOX 252 BONNER SPGS, KS 66012-0252

Re: Drilling Pit Application Mertz 1 NE/4 Sec.30-10S-09E Riley County, Kansas

Dear Donald C. Clark:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined. If a plastic liner is to be used it must have a minimum thickness of 4 mil. Integrity of the liner must be maintained at all times.

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

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. 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, through KOLAR within 30 days of fluid removal.

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 District Office at (316) 630-4000.