For KCC	Use:		
Effective Date:			
District #			
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

OPERATOR: License#   Sec. Twp   S. R     Address 1:   Sec. Twp   S	Expected Spud Date:	month day yea	Spot Description:
Is SECTION: Regular Irregular?   Interest Inte	DPERATOR: License#	,	Sec Twp S. R   E     E     Sec Twp S. R   E     E     Sec S
County:   State   Zip:   +     County:     County:   Lease Name:   Well #:   Field Name:   Lease Name:   Well #:   Field Name:   Is this a Prorated / Spaced Field?   Yes Target Formation(s):   Name of the State	lame:		
County:	Address 1:		Is SECTION: Regular Irregular?
County Ontact Person: hone:    County   County   County			(Note. Locate well on the Section Flat on reverse side)
Contractors: License#	•	·	County:
Section   Sect			Lease Name: vveil #: vveil #:
### Target Formation(s): ### Mearest Lease or unit boundary line (in footage): ### Ground Surface Elevation: ### Water Surface Plool Ext.   Air Rotary   Water well within one-quarter mile:   Yes   Yes   Other   Other: ### Surface Pipe Planned to be set:   Depth to bottom of tresh water:   Depth to bottom of tresh water:   Depth to bottom of usable water is   Depth to bottom of to bottom of usable water is   Depth to bottom of to bottom of usable water is   Depth to bottom of to bottom of to bottom of to	none.		Field Name:
Well Drilled For:   Well Class:   Type Equipment:   Nearest Lease or unit boundary line (in footage):   Seismic :   Infield   Mud Rotary   Water well within one-quarter mile:   Yet   Yet   Seismic :   # of Holes   Other			Is this a Prorated / Spaced Field?
Oil   Enh Rec	ame:		Target Formation(s):
Gals   Storage   Pool Ext.   Air Yotary   Water well within one-quarter mile:   Yet   Yet   Gals   Gals   Storage   Pool Ext.   Air Yotary   Public water supply well within one mile:   Yet   Yet   Water well within one-quarter mile:   Yet   Yet   Gals   Wildcat   Gable   Pool Ext.   Air Yotary   Water well within one-quarter mile:   Yet   Yet   Water   Yet	Well Drilled For:	Well Class: Type Equipme	71G
Gas   Slorage   Pool Ext.   Air Rotary   Public water supply well within one mile:   Yes   Depth to bottom of fresh water:   Depth to bottom of susable water:   Depth to bottom of usable water to bottom of the poper to plugging;   Depth to bottom of t	Oil Enh Re	ec Infield Mud Rot	Ground Surface Elevation:feet M
Depth to bottom of fresh water:   Depth to bottom of fresh water:   Depth to bottom of usable water:   Depth service of the property of the period	Gas Storage		Water well within one-quarter mile:
Depth to bottom of usable water:   Depth to bottom of usable water:   Surface Pipe by Alternate:   I   I   I   Length of Surface Pipe by Alternate:   I   I   I   Length of Surface Pipe by Alternate:   I   I   I   Length of Surface Pipe Planned to be set:   Length of Conductor Pipe (if any):   Projected Total Depth:   Formation at Total Depth:   Water Source for Drilling Operations:   Well   Farm Pond   Other:   DWR Permit #:   DWR Permit #:   Will Cores be taken?   Notify the paper of the properties district office prior to spudding of well;   A copy of the approved notice of intent to drill shall be posted on each drilling rig;   A repropriate district office of intent to drill shall be posted on each drilling rig;   The appropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be notified before well is either plugged or production casing is cemented in;   A repropriate district office will be noti	Dispos	al Wildcat Cable	
Surface Pipe by Alternate: I I I Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Promet to the spet: Length of Conductor Pipe (if any): Projected Total Depth: Prometion at Total Depth: Prometion at Total Depth: Prometion at Total Depth: Prometion at Total Depth: Water Source for Drilling Operations: Water Source of Drilling Operations: Water Source of Drilling Operations: Water Source Source Water Source Promote Source Water Sou	Seismic ; # of	Holes Other	Depth to bottom of fresh water:
Length of Surface Pipe Planned to be set:  Length of Conductor Pipe (if any):  Projected Total Depth:  Formation at Total Depth:  Solution Hole Location:  CC DKT #:  No Wes, true vertical depth:  Solution Hole Location:  CC DKT #:  No Will Cores be taken?  If Yes, proposed zone:  AFFIDAVIT  In eundersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.  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 cementir 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.  **Remember to:*  - File Certification of Compliance with the Kansas Surface Owner Notificat Act (KSONA-1) with Intent to Drill;  - File Completion Formation at Total Depth:  - File Completion Format	Other:		Depth to bottom of usable water:
Operator:  Well Name: Original Completion Date: Original Total Depth: Identitional, Deviated or Horizontal wellbore? Ves, true vertical depth: OCD EXT #:  Water Source for Drilling Operations: Water Source for Drilling Ope	It OWNO, ald wall in	oformation on follows:	
Well Name: Original Completion Date: Original Total Depth: Incettional, Deviated or Horizontal wellbore? Yes No Yes, true vertical depth: Interestional Depth: Interestional Deviated or Horizontal wellbore? Yes No Yes, true vertical depth: Interestical depth: Interes	If OvvvvO: old well in	normation as follows:	Length of Surface Pipe Planned to be set:
Original Completion Date:Original Total Depth:	Operator:		
Water Source for Drilling Operations:  Water Source for Drill operations:  Water Source for Drill operations:  Water Source for Drilling Operations:  Water Source for Drilling Operations:  Water Source for Drilling Operations:  Water Source for Date Form Accentually Operations:  Water Source for Drilling Operations:  (Note: Apply for Permit with DWR   )  Will Cares be taken?  Water Source for Drilling Operations:  (Note: Apply for Permit with DWR   )  Will Cares be taken?  Water Source for Drilling Operations:  (Note: Apply for Permit with DWR   )  Will Cares be taken?  If Yes, proposed zone:  Water Source for Drill Will Dwater Drill with Dwater Drill operations:  (Note: Apply for Permit with DWR   )  Will Cares be taken?  (Note: Apply for Permit with DWR   )  Will Cares be taken?  (Note: Apply for Permit with Dwater Drill op			
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DWR Permit #:    DWR Permit #:   DWR Permit #:   (Note: Apply for Permit with DWR   )   Will Cores be taken?     Yes     If Yes, proposed zone:           If Yes, proposed zone:           If Yes, proposed zone:           If Yes, proposed zone:           If Yes, proposed zone:           If Yes, proposed zone:           If Yes, proposed zone:             If Yes, proposed zone:             If Yes, proposed zone:             If Yes, proposed zone:             If Yes, proposed zone:             If Yes, proposed zone:               If Yes, proposed zone:                     If Yes, proposed zone:			
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Inis authorization expires:	ıbmitted Electron	ically	Remember to:
(This authorization void if drilling not started within 12 months of approval date.)  - Obtain written approval before disposing or injecting salt water.	API # 15 Conductor pipe required Minimum surface pipe requ Approved by:	feetfeet per ALT.	- 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);
	API # 15  Conductor pipe required  Minimum surface pipe requ  Approved by:  This authorization expires:	feet uiredfeet per ALT.	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);
Spud date: Agent: please check the box below and return to the address below.	API # 15  Conductor pipe required  Minimum surface pipe requ  Approved by:  This authorization expires:	feet uiredfeet per ALT.	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);

Well will not be drilled or Permit Expired Date: \_

Signature of Operator or Agent:

Side Two

For KCC Use ONLY	
API # 15	_

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

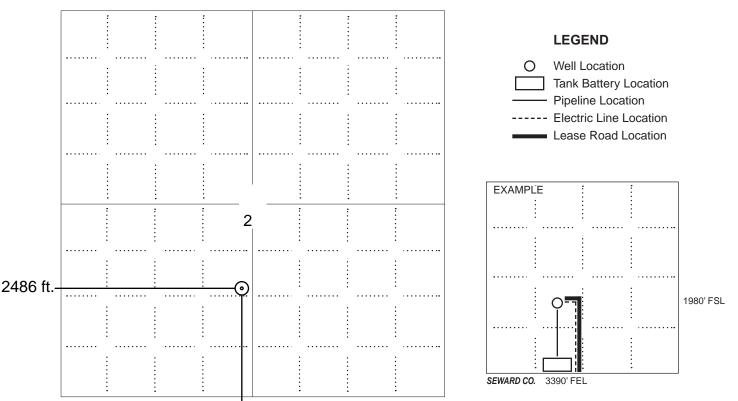
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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:	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.



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

#### 1484 ft.

#### 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.

## Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 May 2010 Form must be Typed

## **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name:			License Number:		
Operator Address:					
Contact Person:			Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):		
Type of Pit:	Pit is:				
Emergency Pit Burn Pit	Proposed	Existing	SecTwp R		
Settling Pit Drilling Pit	If Existing, date constructed:		Feet from North / South Line of Section		
Workover Pit Haul-Off Pit  (If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	Feet from East / West Line of Section		
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l  (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?  Yes No Artificial Liner?  Yes No		lo	How is the pit lined if a plastic liner is not used?		
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits		
Depth fro	m ground level to dee	pest point:	(feet) No Pit		
material, thickness and installation procedure.  liner integrity, including any special monitoring.					
		Depth to shallo Source of inform	west fresh water feet. nation:		
feet Depth of water wellfeet		measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:			ver and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	l utilized in drilling/workover:		
Number of producing wells on lease:		Number of worl	king pits to be utilized:		
			procedure:		
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must b	e closed within 365 days of spud date.		
Submitted Electronically					
KCC OFFICE USE ONLY  Liner Steel Pit RFAC RFAS					
Date Received: Permit Numl	ber:	Permi	t Date: Lease Inspection:		

## Kansas Corporation Commission Oil & Gas Conservation Division

Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

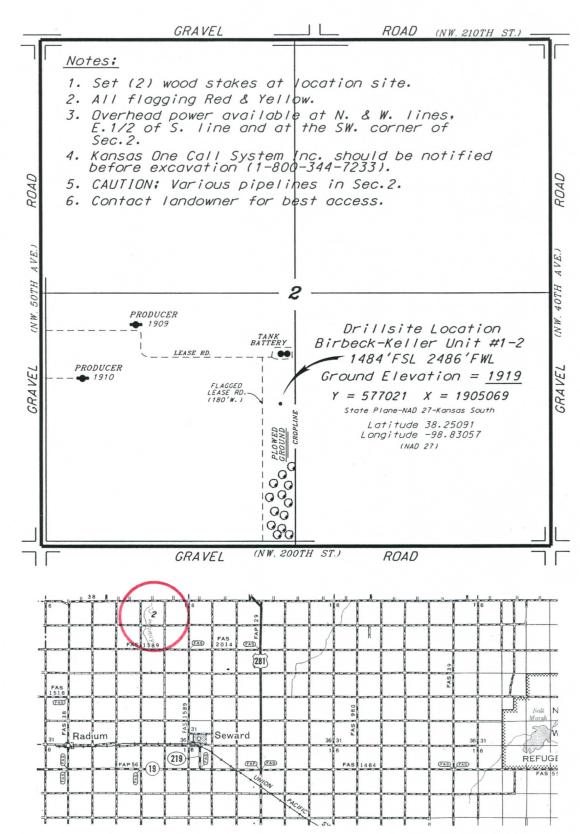
# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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 (C	Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease below:
Phone: ( ) Fax: ( )	
Email Address:	
Surface Owner Information:	
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional
Address 1:	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:	county, and in the real estate property tax records of the county treasurer.
City: State: Zip:+	
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and abatteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
Select one of the following:	
owner(s) of the land upon which the subject well is or will be loced CP-1 that I am filing in connection with this form; 2) if the form be form; and 3) my operator name, address, phone number, fax, and I have not provided this information to the surface owner(s). I address.	ct (House Bill 2032), I have provided the following to the surface potential: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form peing filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.  cknowledge that, because I have not provided this information, the provided the control of the KCC performing this
task, I acknowledge that I must provide the name and address that I am being charged a \$30.00 handling fee, payable to the K	of the surface owner by filling out the top section of this form and CCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.
Submitted Electronically	

### DARRAH OIL COMPANY, LLC BIRBECK-KELLER UNIT LEASE S. 1/2, SECTION 2, T21S, R14W STAFFORD COUNTY, KANSAS



<sup>\*</sup> Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

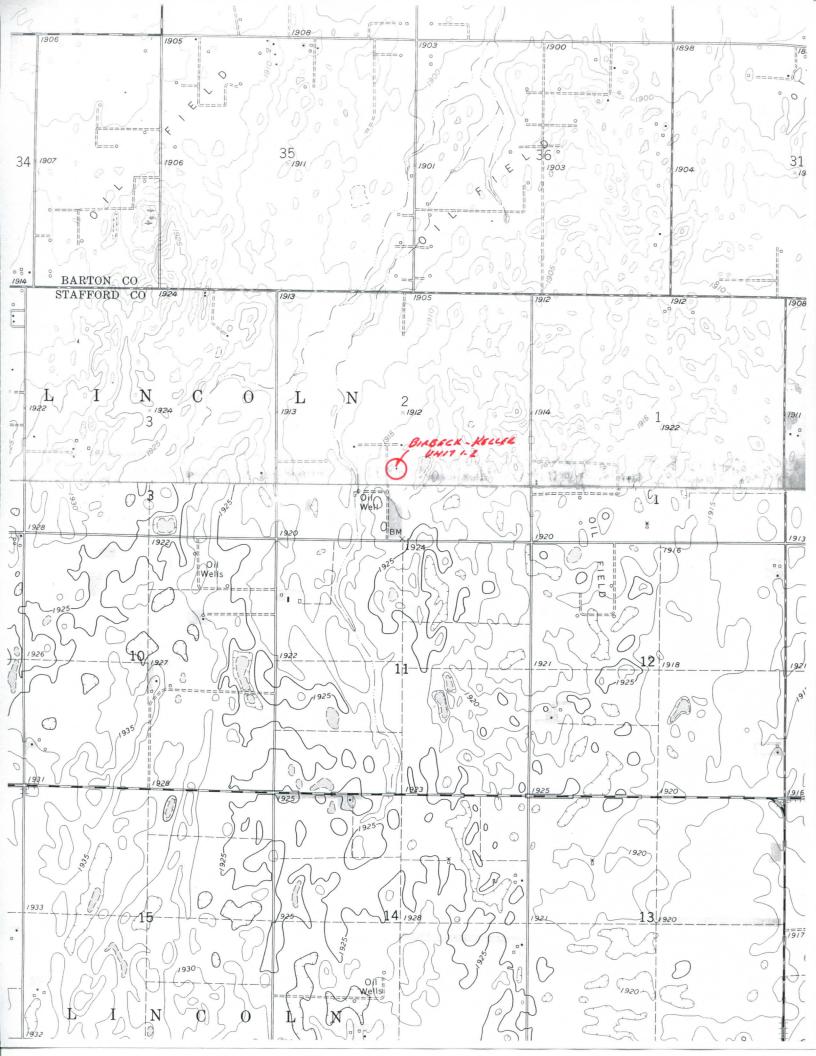
ion as shown on this may not be legally act landowner.

use.

August 23, 2019

SCALE

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



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 346-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

Dwight D. Keen, Chair Shari Feist Albrecht, Commissioner Susan K. Duffy, Commissioner

## **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.

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September 11, 2019

Mike Atterbury Darrah Oil Company, LLC 125 N MARKET SUITE 1425 WICHITA, KS 67202-1720

Re: Drilling Pit Application Birbeck-Keller Unit 1 SW/4 Sec.02-21S-14W Stafford County, Kansas

### Dear Mike Atterbury:

District staff has inspected the above referenced 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 with bentonite or native clay, 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 (620) 682-7933 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 (620) 682-7933.