For KCC Use:

Effective	Date:
District #	

1105919

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

Biotiliot ii		
SGA?	Yes	No

Forn

NOTICE OF INTENT TO DRILL

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

Expected Spud Date:				Spot Description:	
	month	day	year		E W
OPERATOR: License#				feet from E /	W Line of Section
Name:				Is SECTION: Regular Irregular?	
Address 1:					
Address 2:				(Note: Locate well on the Section Plat on revers	se side)
City:		-		County:	
Contact Person:				Lease Name:	Well #:
Phone:				Field Name:	
CONTRACTOR: License#				Is this a Prorated / Spaced Field?	Yes No
Name:				Target Formation(s):	
Well Drilled For: Oil Enh R Gas Storag Dispo Seismic ; # c Other:	ge Pool sal Wild if Holes Othe	eld I Ext Icat er Dilows:		Nearest Lease or unit boundary line (in footage): Ground Surface Elevation: Water well within one-quarter mile: Public water supply well within one mile: Depth to bottom of fresh water: Depth to bottom of usable water: Surface Pipe by Alternate: I Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth:	feet MSL Yes No Yes No
				Water Source for Drilling Operations:	
Directional, Deviated or Ho			Yes No	Well Farm Pond Other:	
If Yes, true vertical depth:				DWR Permit #:	
Bottom Hole Location:				(Note: Apply for Permit with DWR)	
KCC DKT #:				Will Cores be taken?	Yes No
				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;
- 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 3. 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 Electronically

For KCC Use ONLY			
API # 15			
Conductor pipe required	feet		
Minimum surface pipe required	feet per ALTIII		
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.

ш

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





For KCC Use ONLY

API # 15 -____

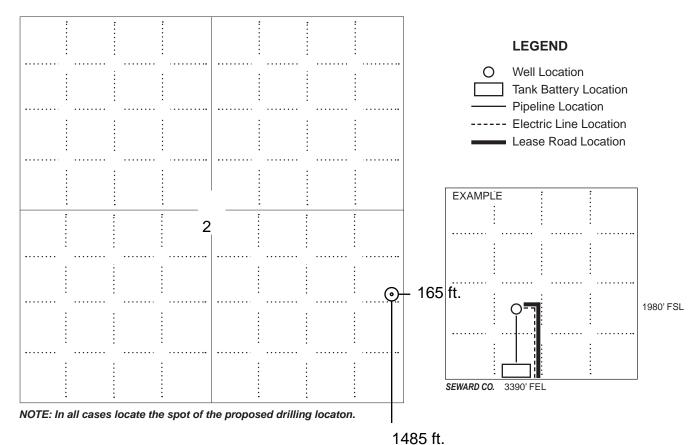
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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.



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.

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1105919

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:		 Sec Twp R	
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section	
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section	
		(bbls)	County	
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?	Artificial Liner?	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	epest point:	(feet) No Pit	
If the pit is lined give a brief description of the lin material, thickness and installation procedure.	ner		dures for periodic maintenance and determining cluding any special monitoring.	
Distance to nearest water well within one-mile of pit: Depth to shallow Source of inform		west fresh water feet. nation:		
feet Depth of water well	feet	measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:	
Producing Formation:		Type of materia	terial utilized in drilling/workover:	
		Number of worl	xing pits to be utilized:	
Barrels of fluid produced daily: Abandonment		procedure:		
Does the slope from the tank battery allow all spilled fluids to		be closed within 365 days of spud date.		
Submitted Electronically				
KCC OFFICE USE ONLY				
Date Received: Permit Numl	oer:	Permi	t Date: Lease Inspection: Yes No	

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

Kansas Corpor Oil & Gas Consi CERTIFICATION OF C	ATION COMMISSION 1105919 ERVATION DIVISION Form Must Be Typed OMPLIANCE WITH THE Form must be Signed All blanks must be Filled All blanks must be Filled	
T-1 (Request for Change of Operator Transfer of Injection of	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.	
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:		
Address 1:	County:	
Address 2:	Lease Name: Well #:	
City: Zip: + Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of 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. owner information can be found in the records of the register of deed		
Address 2:	county, and in the real estate property tax records of the county treasurer.	
City: State: Zip:+		
	lic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat	

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.

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.

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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Т

E County Road $[\square]$ £913 Count Road

Summary of Changes

Lease Name and Number: Howard JH-1

API/Permit #: 15-125-32304-00-00

Doc ID: 1105919

Correction Number: 1

Approved By: Rick Hestermann 12/28/2012

Field Name	Previous Value	New Value
ElevationPDF	997 Estimated	995 Estimated
Ground Surface Elevation	997	995
Is Footage Measured from the North or the	North	South
South Section Line Is Footage Measured from the North or the	North	South
South Section Line KCC Only - Approved By	Steve Bond 12/27/2012	Rick Hestermann 12/28/2012
KCC Only - Approved Date	12/27/2012	12/28/2012
KCC Only - Date Received	12/26/2012	12/28/2012
KCC Only - Regular Section Quarter Calls	NE NE SE NE	SE SE NE SE
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=2&to	https://solar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=2&to
Quarter Call 1 - Largest	NE	SE

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Quarter Call 1 - Largest	NE	SE
Quarter Call 2	SE	NE
Quarter Call 2	SE	NE
Quarter Call 3	NE	SE
Quarter Call 3	NE	SE
Quarter Call 4 - Smallest	NE	SE
Quarter Call 4 - Smallest	NE	SE
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11 05767	//kcc/detail/operatorE ditDetail.cfm?docID=11 05919

Summary of Attachments

Lease Name and Number: Howard JH-1 API: 15-125-32304-00-00 Doc ID: 1105919 Correction Number: 1 Approved By: Rick Hestermann 12/28/2012

Attachment Name