For KCC Use: Effective Date: District # _ SGA? Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1356262

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 (F) days prior to commencing well

Sec. Twp. S. R. E Get from N / S. Line of Sec. Sec. Twp. S. R. E Get from N / S. Line of Sec. Sec. Sec. Twp. S. R. E Get from Discovery S. Line of Section Plat on reverse side	Expected Spud Date:	month	day	year	Spot Description:	
SECTION: Regular Inregular?		monur	uay	year	Sec Twp S. R	E V
Is SECTION: Regular Irregular?	OPERATOR: License#				feet from N /	S Line of Sectio
Address 2:	lame:					W Line of Sectio
County: County: Count	ddress 1:				Is SECTION: Regular Irregular?	
County: County: Count	ddress 2:				(Note: Locate well on the Section Plat on reverse	e side)
Contractor Licenses Lease Name: Well #:	City:	State:	Zip:		County:	
Field Name:	· · · · · · · · · · · · · · · · · · ·					/ell #:
Target Formation(s): Nearest Lease or unit boundary line (in footage): Nearest lease or unit boundary line (in foota	hone:					
Well Dnilled For: Well Class: Type Equipment: Season Sea	ONTRACTOR: License#	:			Is this a Prorated / Spaced Field?	Yes No
Ground Surface Elevation:	lame:				Target Formation(s):	
Ground Surface Elevation:	Well Drilled For:	Wall Class	Type	Fauinment:	Nearest Lease or unit boundary line (in footage):	
Gas Storage Pool Ext. Air Rotary Wildcat Cable Disposal Wildcat Cable Wildcat Cable Wildcat Cable Disposal Wildcat Cable Wildcat Cable Disposal Wildcat Cable Disposal Wildcat Cable						
Selsimic # of Holes Other Cable Cabl			=	•		
Seismic # of Holes Other		• =		•	·	Yes N
Other: O				Cable		
Surface Pipe by Alternate:					•	
Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Original Completion Date: Original Completion Date: Original Total Depth: Original Completion Date: Original Date: Original Completion Date: Original Date: Original Completion Date: Original Date: Original Date: Original Date: Orig	Other.					
Length of Conductor Pipe (if any):	If OWWO: old well	information as follow	ws:			
Well Name: Original Completion Date: Original Total Depth: Formation at Total Depth:	Oneveter				•	
Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Water Source for Water Interest Mitter Interest Methods on the Surface on Act (Source Interest All Drilling Operations) Water Source for Drilling Operations Source Interest Heave Nation Drilling Operatio	•					
Water Source for Drilling Operations: Water Source for Drilling Operations: Water Source for Drilling Drill State Surface Place Surface Surface Surface Place Surface Surface Surface Place Surface Surface Surface Place Surface Surface Surface Surface Place Surface S			riginal Total	Denth:	•	
Ves true vertical depth: DVIR Permit #: DVIR Permit	Original Completion Bi		rigiliai iotai	Борин.		
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. DWR Permit #: 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. 1	Directional, Deviated or Ho	orizontal wellbore?		Yes No		
Will Cores be taken? Yes Yes Trees, proposed zone: Will Cores be taken? Yes Yes Trees, proposed zone: Will Cores be taken? Yes Yes Trees, proposed zone: Will Cores be taken? Yes Trees, proposed zone: Yes Will Cores be taken? Yes Will Core be taken? Ye	f Yes, true vertical depth:_					
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Approved by: This authorization expires: (This authorization void if drilling not started within 12 months of approval date.) This authorization void if drilling not started within 12 months of approval date.) - 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	2. A copy of the approach of the minimum amouthrough all uncons 4. If the well is dry hose of the appropriate disense of the approach of the appropriate disense of the appropriate di	ount of surface pipe olidated materials pole, an agreement be strict office will be result to COMPLETION, poendix "B" - Eastern dis within 30 days of the mically	olus a minimetween the notified befoorduction particular in the spud dar	num of 20 feet into the operator and the distrement well is either plugipe shall be cementer face casing order # te or the well shall be	Remember to: File Certification of Compliance with the Kansas Surface Own Act (KSONA-1) with Intent to Drill; File Drill Pit Application (form CDP-1) with Intent to Drill;	plugging; spud date. I cementing menting.
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Spud date: Agent: please check the box below and return to the address below.	2. A copy of the approach of the approach of the well is dry howard of the appropriate different of the appropriate different of the appropriate of the well appropriate of the well appropriate of the well approach of the appropriate of the approach of the	punt of surface pipe olidated materials pole, an agreement be strict office will be reflected in the strict office within 30 days of the strict office will be reflected in th	olus a minimetween the notified befooroduction particular that is a minimetween the notified befooroduction particular that is a minimetwo particular thas a minimetwo particular that is a minimetwo particular that is	num of 20 feet into the operator and the discrete well is either plugipe shall be cementer face casing order # te or the well shall be et	Remember to: File Certification of Compliance with the Kansas Surface Own Act (KSONA-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 submit plugging report (CP-4) after plugging is completed (with the completed with the plugging is completed (with the completed is the completed with the plugging is completed (with the completed is the completed is the complete in the complete is the complete in the comp	plugging; spud date. I cementing menting. er Notification ; re-entry; thin 60 days);
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Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

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For KCC Use ONLY	
API # 15	

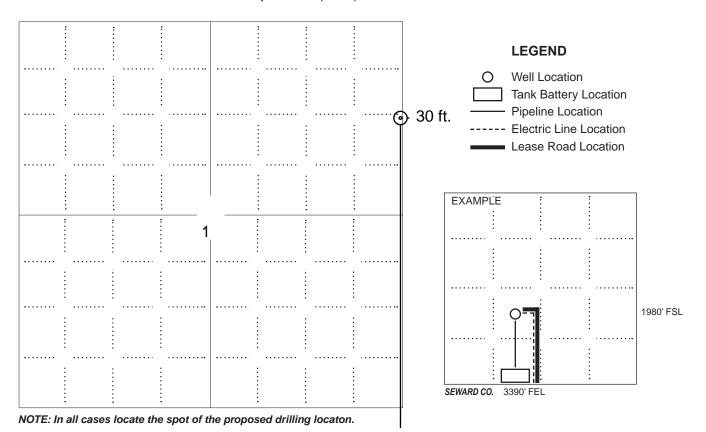
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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
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.



3960 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.

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):	
			The Education (account).	
Type of Pit: Emergency Pit Burn Pit	Pit is:		Sec. Twp. R. East West	
Settling Pit Drilling Pit	Proposed Existing If Existing, date constructed:			
Workover Pit Haul-Off Pit			Feet from North / South Line of Section	
(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?		How is the pit lined if a plastic liner is not used?	
Yes No	Yes N	lo		
, J. ,	Length (fee	,	Width (feet)N/A: Steel Pits	
	m ground level to dee			
If the pit is lined give a brief description of the line 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	of pit:	Depth to shallo	west fresh water feet. nation:	
feet Depth of water wellfeet		measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:	
Producing Formation:		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 p	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				
Cashinaca Erocachicany				
KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS				
Date Received: Permit Numb	oer:	Permi	t Date: Lease Inspection: Yes No	

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1356262

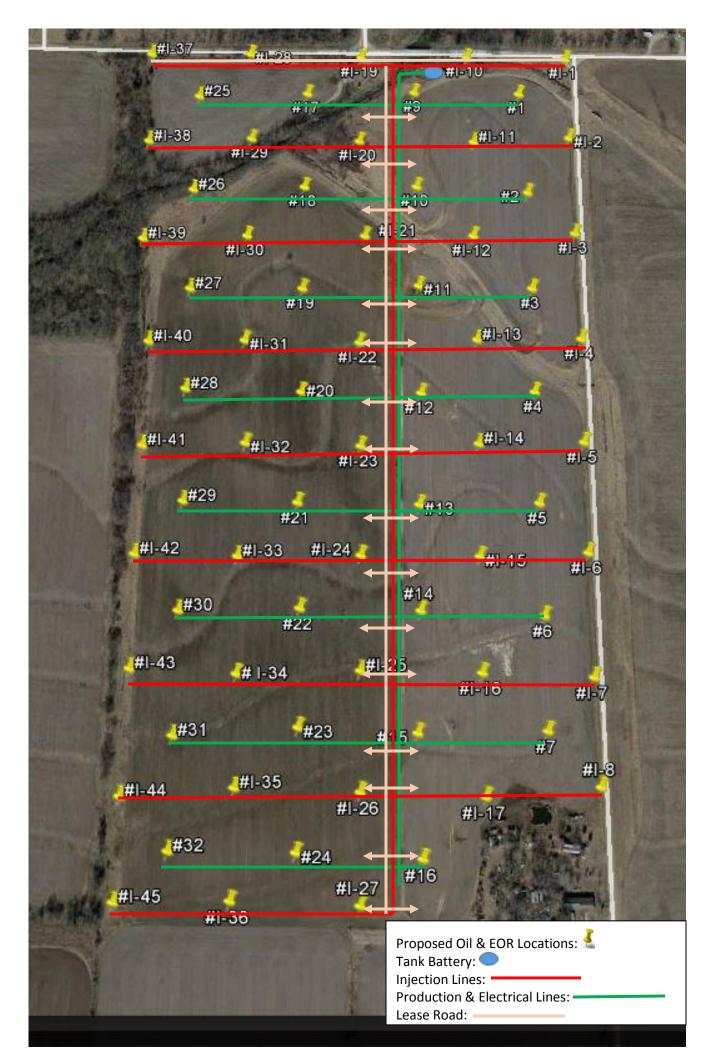
Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 # Name:	Well Location:
Address 1:	County: Well #:
Address 2: State: 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. 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:	
the KCC with a plat showing the predicted locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered or Select one of the following: □ I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered or select one of the following:	dic Protection Borehole Intent), you must supply the surface owners and a batteries, 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. act (House Bill 2032), I have provided the following to the surface ocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.
KCC will be required to send this information to the surface ow	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and KCC, 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-	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.
Submitted Electronically	



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



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

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.

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



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

Sam Brownback, Governor

Pat Apple, Chairman Shari Feist Albrecht, Commissioner Jay Scott Emler, Commissioner

June 01, 2017

Jonathan Freiden Ace Energy LLC 11704 ABERDEEN RD LEAWOOD, KS 66211

Re: Drilling Pit Application Mullen I-5 NE/4 Sec.01-31S-21E Crawford County, Kansas

Dear Jonathan Freiden:

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 as soon as practical 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) 432-2300 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) 432-2300.