

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

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CB-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

Must be approved by the KCC sixty (60) days prior to commencing well.

Form KSONA-1. Certification of Compliance with the Kansas Surface Owner Notification Act. MUST be submitted with this form

Expected Spud Date:	Spot Description:
month day year	
	(9/9/9/9)
OPERATOR: License#	feet from N / S Line of Section
Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City: +	County:
Phone:	Facility Name:
	Borehole Number:
CONTRACTOR: License#	Ground Surface Elevation: MSL
Name:	Cathodic Borehole Total Depth:
Type Drilling Equipment:	Depth to Bedrock: feet
☐ Air Rotary ☐ Other	Water Information
Construction Features	Aquifer Penetration: None Single Multiple Depth to bottom of fresh water:
Length of Cathodic Surface (Non-Metallic) Casing	Depth to bottom of usable water:
Planned to be set:feet	Water well within one-quarter mile: Yes No
Length of Conductor pipe (if any):	Public water supply well within one mile: Yes No
Cathodic surface casing size: inches	Water Source for Drilling Operations:
Cathodic surface casing size ; ;	Well Farm Pond Stream Other
;;;;; ;;	Water Well Location:
Cathodic surface casing will terminate at:	DWR Permit #
Above surface Surface Vault Below Surface Vault	Standard Dimension Ratio (SDR) is =
Pitless casing adaptor will be used: Yes No Depthfeet	(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
	Annular space between borehole and casing will be grouted with:
Anode installation depths are:;; ;; ;;	☐ Concrete ☐ Neat Cement ☐ Bentonite Cement ☐ Bentonite Clay
;;;;;	Anode vent pipe will be set at: feet above surface
	Anode conductor (backfill) material TYPE:
	Depth of BASE of Backfill installation material:
AFFIDAVIT	Depth of TOP of Backfill installation material:
The undersigned hereby affirms that the drilling, completion and eventual plugging	Borehole will be Pre-Plugged? Yes No
of this well will comply with K.S.A. 55-101 et. seq.	
t is agreed that the following minimum requirements will be met:	
1. Notify the appropriate District office prior to spudding and again before plugging the	
and placement is necessary prior to plugging. In all cases, notify District Office prior	
Notify appropriate District Office 40 begins prior to workey as an entry	to any grouing.
, , , , , , , , , , , , , , , , , , , ,	to any grouing.
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CORRECTION #1	
0.00 7.00	1280102

SEWARD CO. 3390' FEL

For KCC Use ONLY	
API # 15	_

IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

In all cases, please fully complete this side of the form. Include items 1 through 3 at the bottom of this page.

erator:						_ Loc	cation of VVe	ell: County:		
cility Name:								fe	et from N /	S Line of Section
rehole Number:									et from E /	W Line of Section
TOTIOIC INGITIBEL.										
						Sec	C. ———	Twp	S. R	E W
						ls S	Section:	Regular or	Irregular	
						10 0	200110111		_ mogalal	
						If S	ection is I	rregular, locate we	ell from nearest corne	er boundary.
						Sed	ction corner	r used: NE	NW SE SW	1
						PLAT				
Show loc	ation of th	e Cathodic	Borehole.	Show foo	otage to the	e nearest l	lease or uni	it boundary line. Sh	ow the predicted locat	ions of
lease roa	ads, tank b	atteries, pi	pelines an	d electrica	al lines, as	required b	y the Kans	as Surface Owner I	Notice Act (House Bill	2032).
			•				plat if desi		,	,
			11	18 ft.	.,		,			
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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 section's south / north and east / west; line.
- 3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

CORRECTION #1 1280102

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: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: Proposed Existing If Existing, date constructed: Pit capacity:		SecTwp R East WestFeet from North / South Line of SectionFeet from East / West Line of Section		
		(bbls)	County		
Is the pit located in a Sensitive Ground Water A	Area? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?	Artificial Liner?	No	How is the pit lined if a plastic liner 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		
If the pit is lined give a brief description of the li material, thickness and installation procedure.			dures for periodic maintenance and determining ncluding any special monitoring.		
Distance to nearest water well within one-mile of pit:		Depth to shallo Source of infor	west fresh water feet. mation:		
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	al 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 O			
Date Received: Permit Num	ber:	Permi	Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No		

CORRECTION #1 Kansas Corporation Commission

1280102

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

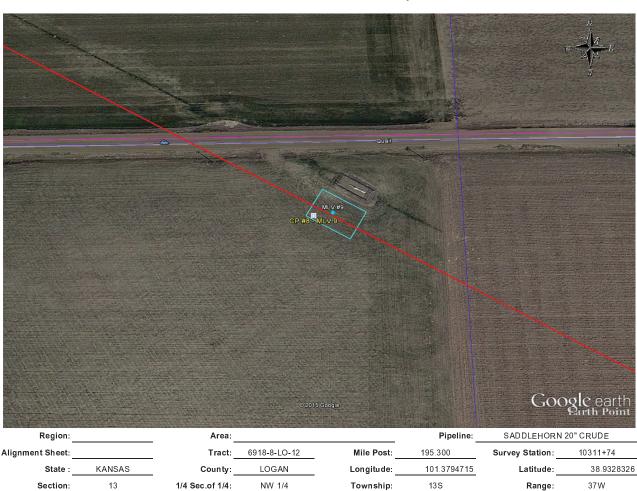
OIL & GAS CONSERVATION DIVISION

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 (Cathodic Protection Borehole Intent)				
OPERATOR: License #	_ Well Location:				
Name:					
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:					
Address 1:	owner information can be found in the records of the register of deeds for the				
Address 2:					
City: State: Zip:+	-				
the KCC with a plat showing the predicted locations of lease roads, to	hodic Protection Borehole Intent), you must supply the surface owners and ank batteries, pipelines, and electrical lines. The locations shown on the plat d on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.				
owner(s) of the land upon which the subject well is or will be	e Act (House Bill 2032), I have provided the following to the surface e located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form m being filed is a Form C-1 or Form CB-1, the plat(s) required by this a, and email address.				
KCC will be required to send this information to the surface	I acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ess of the surface owner by filling out the top section of this form and e 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 C	ng fee with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.				
Submitted Electronically					



Cathodic Protection Installation Request



				© 201	15 Google		God	Parth Point
Region:			Area:			Pipeline:	SADDLEHORN	20" CRUDE
Alignment Sheet:			Tract:	6918-8-LO-12	Mile Post:	195.300	Survey Station:	10311+74
State :	KAN	SAS	County:	LOGAN	Longitude:	101.3794715	Latitude:	38.9328326
Section:	1	3	1/4 Sec.of 1/4:	NW 1/4	Township:	13S	Range:	37W
Location:								
Property Owner Contact & Information:		E & PAULINE	_OCK, 3130 OUTF	POST ROAD, WALLA	ACE, KS 67761 785.58	39.1379/785.821.173	1	
Power Company Contact and Information:	LANE-SCC	OTT ELECTRI	C - 620.397.5327					
Groundbed Type:	DEEP			Current Required:	50A	Soil Resistance:	10000	
Anode Type:	LIDA - MIX	(ED METAL O	XIDE	Number of Anodes:	12	Type of Backfill:	LORESCO ENVIROCO	KE
Amount of Backfill:	240'			Type of Cable:	#6 KYNAR DUAL EX	TRUDED HMWPE	Amount of Cable:	450'
New Rectifier Required: (yes/no):	YE	:S		Rectifier Type:	UNIVERSAL 40V/60A		Anode Depth:	395
Anode Spacing:	15	5' An	ode Hole Specs:	400' X 10"	Design Life:	20 YEARS		
Requir	ed Installat	tion Date:			Cons	struction Company:		
Driving Directions							OUTH ON MAGELLAN I N SOUTH SIDE OF PIPE	
Details:	FROM FEI		L BE TERMINATE				ON SOUTH SIDE OF F F FENCE. POWER CC	
Requested By:	TVANGOO	DR		Date	08/06/15			
Company No.				Operating Unit			Cost Center	

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

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

According to the drilling pit application, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1, Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.

Summary of Changes

API/Permit #: 15-109-21435-00-00

Doc ID: 1280102

Correction Number: 1

Approved By: Rick Hestermann 01/25/2016

Field Name	Previous Value	New Value
ElevationPDF	3115 Estimated	3114 Estimated
Ground Surface Elevation	3115	3114
KCC Only - Approved By	Rick Hestermann 09/02/2015	Rick Hestermann 01/25/2016
KCC Only - Permit Date	09/02/2015	01/25/2016
KCC Only - Regular Section Quarter Calls	NW NW NW NE	NE NE NE NW
LocationInfoLink	https://kolar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=13&t	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=13&t
Number of Feet East or West From Section Line	2450	2850
Number of Feet East or West From Section Line	2450	2850
Quarter Call 1 - Largest	NE	NW
Quarter Call 2	NW	NE
Quarter Call 3	NW	NE

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Quarter Call 4 - Smallest	NW	NE
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 55312	//kcc/detail/operatorE ditDetail.cfm?docID=12 80102
Subdivision1Largest	NE	NW
Subdivision2	NW	NE
Subdivision3	NW	NE
Subdivision4Smallest	NW	NE

Summary of Attachments

Doc ID: 1280102

Correction Number: 1
Attachment Name

Plat

steel