

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

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

**Form CB-1
 Oct 2016**

**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: _____
 month day year

OPERATOR: License# _____
 Name: _____
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____ + _____
 Contact Person: _____
 Phone: _____

CONTRACTOR: License# _____
 Name: _____
 Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

Construction Features

Length of Cathodic Surface (Non-Metallic) Casing
 Planned to be set: _____ feet
 Length of Conductor pipe (if any): _____ feet
 Surface casing borehole size: _____ inches
 Cathodic surface casing size: _____ inches
 Cathodic surface casing centralizers set at depths of: _____ ; _____ ;
 _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;
 Cathodic surface casing will terminate at:
 Above surface Surface Vault Below Surface Vault
 Pitless casing adaptor will be used: Yes No Depth _____ feet
 Anode installation depths are: _____ ; _____ ; _____ ; _____ ; _____ ;
 _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;

Spot Description: _____
 _____ - _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ E W
 (a/a/a/a) _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section

Is SECTION: Regular Irregular?
 (Check directions from nearest outside corner boundaries)

County: _____
 Facility Name: _____
 Borehole Number: _____
 Ground Surface Elevation: _____ MSL
 Cathodic Borehole Total Depth: _____ feet
 Depth to Bedrock: _____ feet

Water Information

Aquifer Penetration: None Single Multiple
 Depth to bottom of fresh water: _____
 Depth to bottom of usable water: _____
 Water well within one-quarter mile: Yes No
 Public water supply well within one mile: Yes No
 Water Source for Drilling Operations:
 Well Farm Pond Stream Other
 Water Well Location: _____
 DWR Permit # _____
 Standard Dimension Ratio (SDR) is = _____
 (Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
 Annular space between borehole and casing will be grouted with:
 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: _____
 Depth of TOP of Backfill installation material: _____
 Borehole will be Pre-Plugged? Yes No

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate District office prior to spudding and again before plugging the well. An agreement between the operator and the District Office on plugs and placement is necessary prior to plugging. In all cases, notify District Office prior to any grouting.
2. Notify appropriate District Office 48 hours prior to workover or re-entry.
3. A copy of the approved notice of intent to drill shall be posted on each drilling rig.
4. The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top when the cathodic surface casing is set.
5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completion Form (ACO-1) within 60 days from spud date. d. Submit plugging report (CP-4) within 60 days after final plugging is completed.

Submitted Electronically

For KCC Use ONLY
 API # 15 - _____
 Conductor pipe required _____ feet
 Minimum Cathodic Surface Casing Required: _____ feet
 Approved by: _____
This authorization expires: _____
 (This authorization void if drilling not started within 12 months of approval date.)
 Spud date: _____ Agent: _____

If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.

Permit Expired Well Not Drilled

_____ Date

_____ Signature of Operator or Agent

E
 W

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.

Operator: _____
 Facility Name: _____
 Borehole Number: _____

Location of Well: County: _____
 _____ feet from N / S Line of Section
 _____ feet from E / W Line of Section
 Sec. _____ Twp. _____ S. R. _____ E W

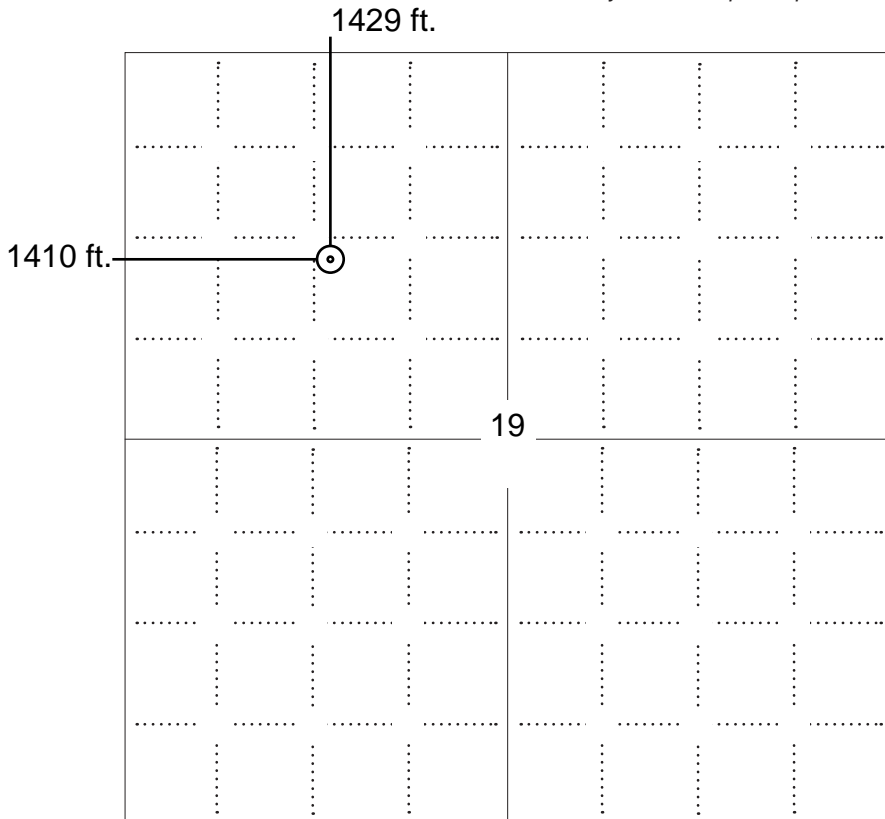
Is Section: Regular or Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

PLAT

Show location of the Cathodic Borehole. 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.



LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



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.

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
July 2014
Form must be Typed

Submit in Duplicate

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet)		<input type="checkbox"/> N/A: Steel Pits	
Depth from ground level to deepest point: _____ (feet)		<input type="checkbox"/> No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Liner		<input type="checkbox"/> Steel Pit	
<input type="checkbox"/> RFAC		<input type="checkbox"/> RFAS	

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1

July 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 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____ Fax: (_____) _____

Email Address: _____

Well Location:

____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West

County: _____

Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

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 must provide the name and address of the surface owner by filling out the top section of this form and 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.

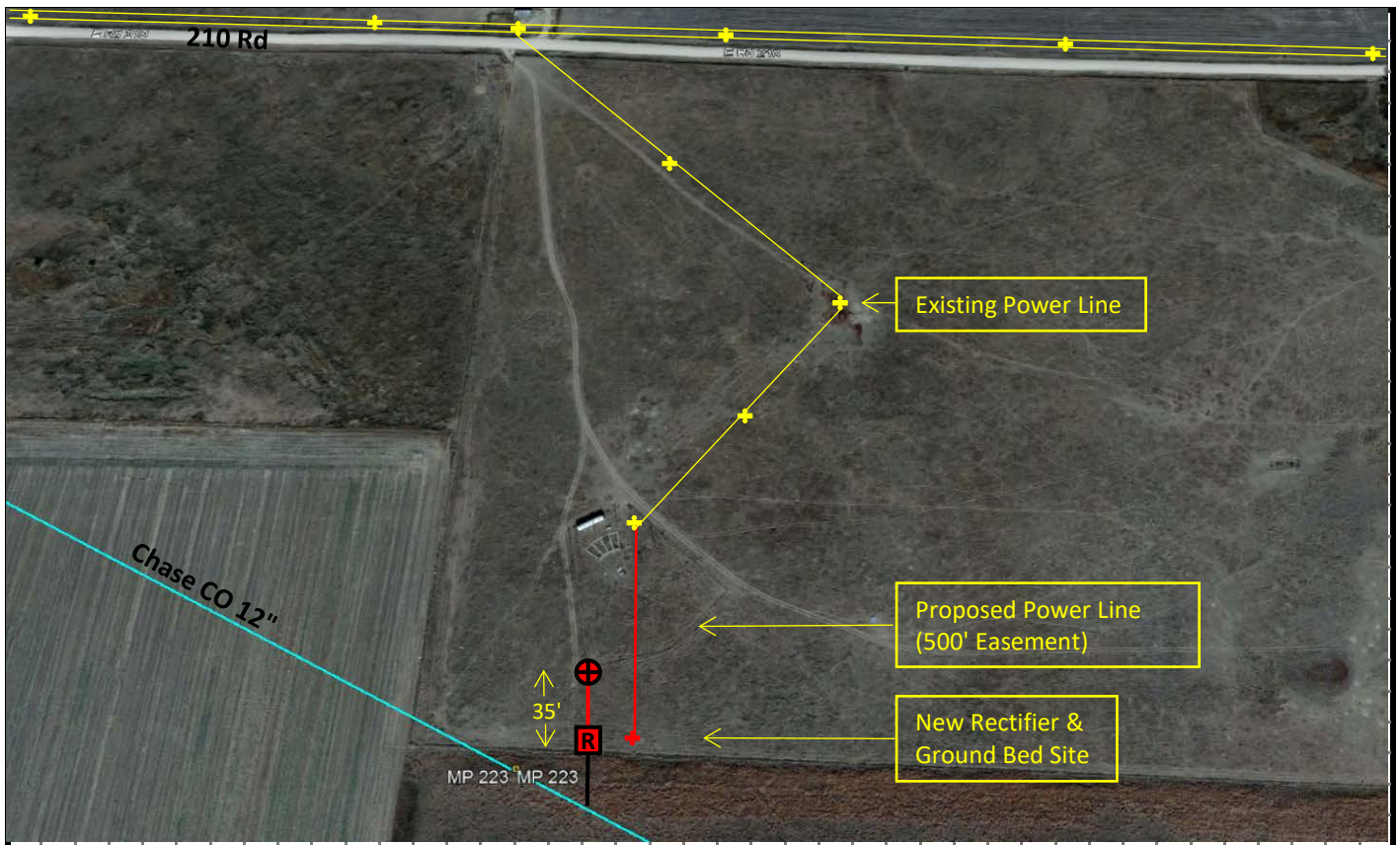
I Submitted Electronically

Form	CB1CDP1 - Cathodic Protection Borehole Intent
Operator	Magellan Pipeline Company LP
Well Name	MP 222.97 1
Doc ID	1612976

Anode Installation Depths

Depth
345
335
325
315
305
295
285
275
265
255
245
235
225
215
20

CP INSTALLATION REQUEST



LOCATION INFORMATION

Line Segment: Chase CO 12"	MP: 222.97	ESN: 11773+05	Align Sheet: 6912-AL-041	Tract: SC-15
Legals: SE 1/4 of NW 1/4 Sec. 19 T 17S R 31W	County/ST: Scott County / Kansas			
Site Owner: TBD	GPS Lat./Long: 38.565882 / -100.791831	Power Co.: Lane-Scott Electric		
Site Directions: From Hwy 4 / Rodeo Rd, travel South 2 miles, East 1200' on 210 Rd, then South 1500 feet to the junction box in the pasture.				

PROJECT TYPE (SEE JOB PLAN FOR WORK SCOPE) (1=✓)

Asset Type: <input checked="" type="checkbox"/> Pipeline	<input type="checkbox"/> Tank	<input type="checkbox"/> Station	<input type="checkbox"/> Marine	<input type="checkbox"/> Other: _____	
Install Type: <input checked="" type="checkbox"/> Drilled GB	<input type="checkbox"/> Augured GB	<input type="checkbox"/> Horizontal GB	<input type="checkbox"/> Linear Trenched	<input type="checkbox"/> Linear HDD	<input type="checkbox"/> AC Mitigation
<input checked="" type="checkbox"/> New Installation	<input type="checkbox"/> Replacement	<input type="checkbox"/> Replaceable Anode System	<input type="checkbox"/> System Repair	<input checked="" type="checkbox"/> New Rectifier	<input checked="" type="checkbox"/> Rectifier Pole
<input checked="" type="checkbox"/> Power Pole & M-Loop	<input type="checkbox"/> Air Vac X	<input type="checkbox"/> Hydro Vac X	<input type="checkbox"/> Portable Pit	<input checked="" type="checkbox"/> Other: ***KCC Permit Required***	
Hole or Trench: 10 IN X 350 FT	Casing Qty: 20 FT	Top of Coke to Surface: 180 FT	Anode Centers: 10 FT		
Backfill Below Anode: 5 FT	Backfill Above Anode: 20 FT	Anode Qty: 15 EA/FT	GB to Rect: 50 FT		
Pos Connections: 1 Qty	Neg Cable to Rect: 50 FT	Neg Connections: 1 Qty	Total Neg cable: 50 FT		

MATERIAL SPECIFICATIONS

Anode: Anotec 2660Z (2.7X60)	Anode Cable: #8 Halar	Anode Backfill: Loresco SC-3	Annulas: Bentonite	
Cable/Wire: Positive Type #2 HMWPE Red	Other: _____	<input type="checkbox"/> Coupon TS _____ Qty	<input type="checkbox"/> R-Cell _____ Qty	
Negative Type #2 HMWPE Black	Other: _____	<input type="checkbox"/> Casing TS _____ Qty	<input type="checkbox"/> TS _____ Qty	
Rectifier: Universal ASAI 50-50 ABCPRQW	AC Input: 120/240	RMU: Mobiltext RMU3 (Satellite)	<input checked="" type="checkbox"/> Preinstalled	
P=C: 6 F: 6 Q= 3 Door Oversized Case	Rect Pole Size: 8" Square	Power Pole Size: N/A		
Anode J-Box: <input checked="" type="checkbox"/> Galvanized	<input type="checkbox"/> Fiberglass	Shunt Type: Agra JB .01	Common Lug 1 Qty	<input type="checkbox"/> Space for Resistors
Neg J-Box: <input checked="" type="checkbox"/> Galvanized	<input type="checkbox"/> Fiberglass	Shunt Type: Holloway 50-50	Circuits 4+Com Qty	<input checked="" type="checkbox"/> Resistors 300W Qty 4
Pos J-Box: <input type="checkbox"/> Galvanized	<input type="checkbox"/> Fiberglass	Shunt Type: _____	Circuits _____ Qty	<input type="checkbox"/> Resistors _____ Qty

NOTES/ADDITIONAL INFORMATION

Drill a 10" x 350' hole, install 15 Anotec (2660Z 2.7X60) anodes on 10' centers, backfill with Loresco SC-3 coke breeze, and terminate all anode leads inside a galvanized junction box located at the rectifier. Cement in ground a 8" square x 10' long treated pole and hang a Universal 50 Volt / 50 Amp rectifier with oversized case, containing a pre-installed Mobiltext RMU-3 (Satellite Version). Tie the rectifier positive into the anode junction box with a #2 red HMWPE header cable. Tie the rectifier negative into a galvanized 4 circuit resisted junction box with a #2 black HMWPE header cable. Install gated cage around rectifier and electrical equipment to protect against damage from cattle.

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



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

Dwight D. Keen, Chair
Susan K. Duffy, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

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.