For KCC Use:	4-28-2010
Effective Date:	7 20 0000
District #	/
SGA? \Y Yes	" No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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.

Forested Card Bates	MAY 17, 2010	Spot Description: SW SW SW	
Expected Spud Date:	month day year		-
		SW - SW - Sec. 27 Twp. 29 S. R. 37 ☐ E ✓ W	
Of LIVINOIN LICENSON	48241	feet from N / S Line of Section	
Name: PIONEER NATURA	L RESOURCES	68 feet from E / W Line of Section	
Address 1: BOX 1006		Is SECTION: ✓ Regular ☐ Irregular?	
Address 2:		(Check directions from nearest outside corner boundries)	
	State: KS Zip: 67880 +	County: GRANT	
Contact Person: FRANC	IS FORBES	Facility Name: RECTIFIER #16	-
Phone: 620-353-8549		Borehole Number: 1	_
CONTRACTOR: License# 3	2775	Ground Surface Elevation: 3050 MSL	_
Name: MCLEAN'S CP INS	STALLATION INC	Cathodic Borehole Total Depth: 300 feet	
Type Drilling Equipment:	-	Depth to Bedrock: 480 feet	t
rype Drilling Equipment.	Air Rotary Other	Water Information	
Construction Features	I All Notary	Aguifer Penetration: None Single Multiple	
Length of Cathodic Surface (A	Ion-Metallic) Casing	Depth to bottom of fresh water: 480	_
Planned to be set:		Depth to bottom of usable water: 580	
Length of Conductor pipe (if a		Water well within one-quarter mile: Yes Yo	
Surface casing borehole size:		Public water supply well within one mile: Yes No	
Cathodic surface casing size:	40"	Water Source for Drilling Operations:	
	alizers set at depths of: 20' ;;	☐ Well ☐ Farm Pond ☐ Stream ☑ Other	
		Water Well Location:	
Cathodic surface casing will te		DWR Permit # Apoly i+ needed	
~ <u></u>	urface Vault ✓ Below Surface Vault	Standard Dimension Ratio (SDR) is =	
	used: Yes No Depthfeet	(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)	
·	<u> </u>	Annular space between borehole and casing will be grouted with:	
Anode installation depths are:	290 280 270 260 250	☐ Concrete ☐ Neat Cement ☐ Bentonite Cement ☑ Bentonite Clay	
240 230 220 210	<u>) ; 200 ; 190 ; 180 ; 170 ; </u>	Anode vent pipe will be set at: 3 feet above surface	è
160, 150		Anode conductor (backfill) material TYPE: CARBO 60	
		Depth of BASE of Backfill installation material: 300	
	AFFIDAVIT	Depth of TOP of Backfill installation material: 120	
- 1		Borehole will be Pre-Plugged? Yes No	
the undersigned hereby amrms of this well will comply with K.S.A	that the drilling, completion and eventual plugging A 55-101 et seg	9	_
	·		
It is agreed that the following min	ilmum requirements will be met:		
 Notify the appropriate District of 	office prior to spudding and again before plugging the	well. An agreement between the operator and the District Office on plugs	
	for to plugging. In all cases, notify District Office prid	or to any grouting.	
, , ,	e 48 hours prior to workover or re-entry.		
	of intent to drill shall be posted on each drilling rig.		
		grouting to the top when the cathodic surface casing is set.	
	Drill Pit Application (form CDP-1) with Intent to Drill (-4) within 30 days after final plugging is completed.	form CB-1), b. File Completion Form (ACO-1) within 30 days from spud date.	
, 55 5 , 1	·		
I hereby certify that the statemer	nts made herein are true and to the best of my kn	owledge and belief.	
Date: 4/16/10 Si	gnature of Operator or Agent:	Title: OPERATIONS MANAGER	
Date G	gradule of operator of Agont.		-
		•	27
			7
For KCC Use ONLY]	!
	706-00-00		29
API # 15 - 06 1-21		If this permit has expired or will not be drilled, check a box below, sign, date and return	1
Conductor pipe required	None feet	to the address below.	:
Minimum Cathodic Surface Ca	asing Required: 20 feet AH-3		37
www.minium.cariouic.auriace.ca	5 • • • • • • • • • • • • • • • • • • •	Permit Expired Well Not Drilled	ļ
Approved by: Pull 4-2:			
Tille dution Euron expires	4-23-2011		m
(This authorization void if drilling	g not started within 12 months of approval date.)		
		Date Signature of Operator or Agent	₹
Spud date:	Agent:		
L		<u>סברנו√בו</u>	٦ .

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

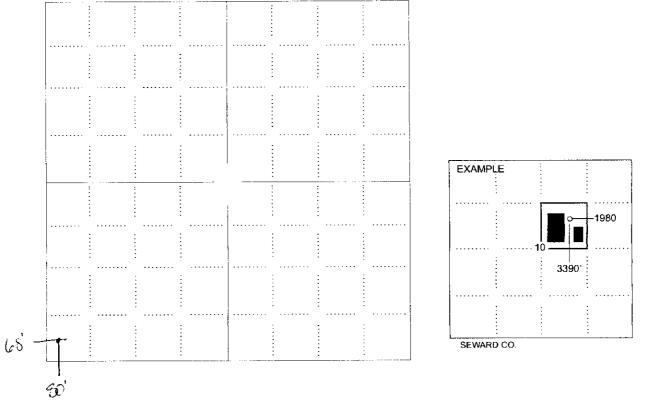
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IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

Show the relationship to the other wells or facilities proposed to be serviced by the intented cathodic borehole. Please show all wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

AP! No. 15 - 067-21706-00-00	Location of Well: County: GRANT		
Operator: PIONEER NATURAL RESOURCES			
Facility Name: RECTIFIER #16	68 feet from E / 🗹 W Line of Section		
Borehole Number: 1	Sec. 27 Twp. 29 S. R. 37 ☐ 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 intented cathodic borehole)
(Show footage to the nearest lease, unit or outside section boundary line.)



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

APR 1 9 2019

KCC WICHITA

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: PIONEER NATURAL RESOURCES			License Number: 4824			
Operator Address: BOX 1006			ULYSSES KS 67880			
Contact Person: FRANCIS FORBES			Phone Number: 620-353-8549			
Lease Name & Well No.: RECTIFIER #16 1			Pit Location (QQQQ):			
Type of Pit:	Pit is:		SW SW SW			
Emergency Pit Burn Pit	Proposed	Existing	Sec. 27 Twp. 29 R. 37 East X West			
Settling Pit Drilling Pit	If Existing, date of	onstructed:	80 Feet from North / South Line of Section			
Workover Pit Haul-Off Pit	Pit capacity:		68 Feet from East / West Line of Section			
(If WP Supply API No. or Year Drilled)		(bbis)	GRANT County			
Is the pit located in a Sensitive Ground Water			Chloride concentration:mg/1			
		<u></u>	(For Emergency Pits and Settling Pits only)			
is the bottom below ground level? Yes No	Artificial Liner?	No	How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	5 Length (fe	eet) 6	Width (feet) N/A: Steel Pits			
, -, -,	6 (feet) No Pit					
If the pit is lined give a brief description of the liner Describe proce			edures for periodic maintenance and determining ncluding any special monitoring.			
6M BLACK PIT LINER LAYED IN PIT AND PIT W		PIT WILL C	ONLY BE USED FOR A 2-3 DAY PERIOD WILL BE BACKFILLED.			
Distance to nearest water well within one-mile of pit Depth to shallo		west fresh water 222 feet.				
		F	Source of information: measured well owner electric log KDWR			
			Orilling, Workover and Haul-Off Pits ONLY:			
		Type of materia	Type of material utilized in drilling/workover: Drig Mud			
			Number of working pits to be utilized:			
Barrels of fluid produced daily:		Abandonment procedure: Remove flds + backfill				
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.				
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.						
4/16/10 Date Signature of Applicant or Agent						
KCC OFFICE USE ONLY Steel Pit RFAC RFAS						
Date Received: 4~/9~/0 Permit Numl	oer:	Permi	it Date: 4-/9-/0 Lease Inspection: Yes 🗷 No			

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

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