Perm: 1 Extension Kansas corporation commission

FOR KCC USE:			AUG 0 5 2003	FORM CB-1 12/93
EFFECTIVE DATE: 9.27.03	State of Kans			FORM MUST BE TYPED
DISTRICT # 3	CATHODIC PROTECTION BO		FOR ISERVATION D'ALL, RI ANK	BY MUST BE SIGNED
SGA?YesNo Must be appro	oved by the K.C.C. sixty (60) days prior to con	mmencing well.	
Expected Spud (Starting) Date		Spot (Location) Q/G	3/9 Sec . 7 Tup 20	12 X East
month	dav veer	1830	Sec Twp .4.V	S, Rg . L West
OPERATOR: License # .33075 CMS Pan Gas Storage Co.	••••••	2685	feet from South / No. feet from East / W	est line of Section
	,	(Circle directio	ns from nearest outsi	de corner boundarys)
Name: dha. Southwest Gas Stora Address: P. O. Box 4967	ige		EGULAR IRREGUL	
City/State/Zip: Houston, TX 772	210-4967	County: LYON	ne Section Plat on R	everse Side)
Contact Person: David M. McQui	rittiig	Lease Name: .Wh1	taker Well	#:
Phone: 713-989-7493		Facility Name: 01	pe 10.0 Ground	dbed No. 2
	•	Ground Surface Elev	ation: 1080	
CONTRACTOR: License #:32525		Cathodic Borehole 1	rotal Depth . 300 Inknown - Exce	ft.
	******	Depth to Bedrock . 9	WATER INFORMATION	
Name: C. P. Drilling	•••••	Aquifer Penetratio	n: None .X. s	
37		Depth to bottom of	fresh water:	30:50
- •	ud Rotary Cable	Depth to bottom of	usable water:	
CONSTRUCTION FEATURES	ir Rotary Other		one-quarter mile: y well within one mil	
Length of Cathodic Surface (Non-Metallic) Casing	Water Source for D	rilling Operations:	
Planned to be set:	70 	well	farm pond	stream X other
Length of Conductor pipe (if any?):		Vater Well Location	n: .Lafifude: 96.015023	38.327.426
Size of the borehole (I.D.):	.17 inches	DWR Permit #:		••••••
Cathodic surface casing size:			Ratio (SDR) is =	
Cathodic surface casing centralizers set 3.0.; 60.;;	at depths of:?;	(cathodic surface (OD cag.in inches / M	WT in inches = SDR)
	; ···· ; ····; ····;	Annular space betw	een borehole and cas	ing will be grouped
Cathodic surface casing will terminate a	t:	with: Con	crete	Bentonite Cement
. Above surface Surface Vault				
Pitless casing adaptor will be used: Y		Anode vent pipe wi	ill be set at:	. ft. above surface
Anode installation depths are: 225	, 239 , 253 , 267,			T CC 2
281; .295;;;	. ; ; ; ;	Anode conductor (b	ackfill) material TYP	E.Loresco SC-3
•		Depth to BASE of Ba	ckfill installation m	material: 300
Permit Extension -			ckfill installation m	material: LDV
Request Received 1-14-200		-		
The undersigned hereby affirms that the dret. seq. It is agreed that the following	illing, completion and eve	entual plugging of the	is well will comply :	with K.S.A. 55-101,
 Notify the appropriate district of A copy of the approved notice of 	ffice prior to spudding of	and again before pl	ugging well;	
The minimum amount of cathodic sur	rface casing as specified	below shall be set b	w accusting to the to	DD.
 An agreement between the operator The appropriate district office w 	and the district office of	on pluce and placemen	t is maraceamy acid	to planning.
6. IN ALL CASES, NOTIFY DISTRICT OFF	ICE PRIOR TO ANY CEMENTING	i.	or costing to grouted	1 111,
I hereby certify that the statements made	herein are true and to	extest of muknowled	ge and belief.	
Date: 8-04-03 Signature of Open		n na ci ni ·	Title Sr. Eng	rineer
			11ttle. 5.5 3	
FOR KCC I API # 15-	111.20433.	OCO ALLIS		
Conductor	r pipe required NONE	feet		1~
Approved	cathodic surface casing reby: RTP 9.1203	Hurred 10 Teet	_	•
This auti	OU LEGICION EXDITES:	2.04 9-22.0	4 RSP KCC	
(This aut	thorization void if drilli	ng not started within	ń / ·	IN
Spud date	s of effective date.) e: Agent	:		'0
1	REMEMBER TO		_	
- File Drill Pit /	Application (form CDP-1) w	ith intent to inetal	l;	
- Notity appropri	Form CB-2 within 30 days ate district office 48 ho	urs prior to workover	' or re-entry:	1
- Submit plugging	report (CB-4) within 30 d	ays after plugging i	s completed.) W

IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

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

LEASE WELL	TOR CMS Pa	pe 10.0 G			Southwest Garage Control Contr	TOO	ry Lyon h/north line of sec t/west line of sec th RG13 East	tion
SPOT:		E4 - NW4	- Secti	on of int	IF SECTION CORNER BOUL Section con FLAT ented cathod	NDARY. rner used: lic borehole.)	NENWSE	
			1830	268	5'		RECEIVED AS CORPORATION COMMISSION AUG 0 6 2003 CONSERVATION DIVISION WICHITA, KS	
						EXAMPLE	3390'	

In plotting the proposed location of the well, you must show:

- 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; and
- 3) the distance to the nearest lease, unit or outside section boundary line.