FOR KCC USE:	Requestional La	AUG 0 6 2003 FORM CB-1 12/93						
	9-27-03 State of Vo	FORM MUST BE TYPED						
ELLEGITAE DATE								
DISTRICT # 3 SGA? YesNo	CATHODIC PROTECTION	BOREHOLE INTENT GREATE STALL BLANKS MUST BE FILLED IN (60) days prior to commencing well.						
, , , , , , , , , , , , , , , , , , , ,								
Expected Spud (Startin	ng) Date	MG Nat SLY-NWY Sec . / Twp 20 S. Rg 13 West						
OPERATOR: License #	33075 month day year							
Name: dba Sout	Gas Storage Co. LLC hwast Gas Storage	(Circle directions from nearest outside corner boundarys) IS SECTION X REGULAR IRREGULAR?						
Address: .PQ	Rox 4967 ouston, TX 77210-4967	(Spot well on the Section Plat on Reverse Side)						
City/State/Zip:H	ouston, TX 77210-4967	County: Lyon						
Contact Person: $$ $^{ ext{D}}_{2}$	avid M. McQuilling	Lease Name:Whitaker Well #:No 1						
Phone: 713-989	9-7493	Facility Name: 01pe 10.0 Ground Red No. 1						
		GroundSurfaceElevation:1080.						
	s: 32525	Cathodic Borehole Total Depth 300 ft.						
CONTRACTOR: License #	······································	Depth to Bedrock						
Name: C. P. Dr	rilling	Aquifer Penetration: None Single Multiple						
	37	Depth to bottom of fresh water:39259						
Type Drilling Equipm		Depth to bottom of usable water:						
CONSTRUCTIO	Air Rotary Other	Water well within one-quarter mile: yes .X no Public water supply well within one mile: yes .X no						
		Water Source for Drilling Operations:						
Planned to be set:	urface (Non-Metallic) Casing 70 60 ft.	well farm pond stream X other						
·	ipe (if any?):	Water Well Location: Latitude: 38328415 Longitude: -96,015043						
Size of the borehole	(I.D.):	DWR Permit #: Standard Dimension Ratio (SDR) is = .18.128.						
Cathodic surface casi	ng centralizers set at depths of: .5.;	(cathodic surface OD csg.in inches / MWT in inches = SDR)						
.30 ; 60. ; ;	;;;;;	(sections of the organical part in the organical sort)						
		Annular space between borehole and casing will be grouted						
.A. Above surface	ng will terminate at: . Surface Vault Below Surface Vault	with: Concrete Bentonite Cement Bentonite clay						
Pitless casing adapto	r will be used: Yes No at Depthft.	Anode vent pipe will be set at: $$ 6. ft. above surface						
Anode installation de	pths are: 225 ; 239 ; 253 ; 267 ;	T 00.0						
281. 295.	; ···· ; ···· ; ···· ; ···· ; ···· ; ···· ;	Anode conductor (backfill) material TYPE.Loresco SC-3						
`\	, , , , , ,	Depth to BASE of Backfill installation material: 300						
•		Depth to TOP of Backfill installation material: 150						
	AFFIDA	<u>VIT</u>						
The undersigned hereby et. seq. It is agree	affirms that the drilling, completion and did that the following minimum requirements :	eventual plugging of this well will comply with K.S.A. 55-101, will be met:						
1. Notify the app	ropriate district office prior to spudding	of and again before niuming well-						
2. A copy of the	approved notice of intent to drill shall be	e posted on each drilling rig.						
4. An agreement b	etween the operator and the district offici	ed below shall be set by grouting to the top. e on plugs and placement is necessary prior to plugging;						
6. IN ALL CASES,	e district office will be notified before i NOTIFY DISTRICT OFFICE PRIOR TO ANY CENGAT	well is either plugged or casing is grouted in; ING.						
	the statements made herein are true and t							
Date:0.704743	Signature of Operator or Agent	Me Ladly Title Sr. Engineer						
	FOR KCC USE: 11 2012-	2 co a Alt 3						
	API # 15- 11 1 20 4 5 2 Conductor pipe required NON	E feet						
* MAXIMUM CATHOD	Minimum cathodic surface casing							
BOREHULE DEPT	Approved by: <u>2799-2203</u>	22 21/2 22 44						
	This authorization expires: 5	122.04/9.22.04						
= 300'	6 months of effective date.)							
	Spud date: Age	ent:						
REMEMBER TO:								
	 File Drill Pit Application (form CDP-1) with Intent to Install; File Completion Form CB-2 within 30 days of spud date; 							
	 Notify appropriate district office 48 	hours prior to workover or re-entry:						
	- Submit plugging report (CB-4) within 30	verys arter prugging is completed.						

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.

API NO. 15- OPERATOR CMS Pan Gas Storage Co., LLC dba LEASE WELL NUMBER Olpe 10.0 Groundbed No. 1 FACILITY NAME Olpe 10.0 SPOT: QTR/QTR/QTR/QTR OF ACREAGE Nb - SEb - NW - Section 7				Southwest Gas Storage LOCATION OF WELL: COUNTY Lyon 1460 feet from south/north line of section 2685 feet from east/west line of section SECTION 7 TWP 20 South RG 13 East IS SECTION X REGULAR OF IRREGULAR IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST				
N _T		(5	Show locat	ion of int	CORNER BOU Section co: PLAT ented cathod		NWSE_	SW
			.1460'	2685	51		RECEIVI CANSAS CORPORATION AUG () (5 CONSERVATION MICHITA, 1	DIVISION 2003 1 COMMISSION
			7 -			EXAMPLE10	1980 3390'	

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