

For KCC Use:	
Effective Date: _	
District #	
2010	□

Kansas Corporation Commission Oil & Gas Conservation Division

Form C-1 October 2007 Form must be Typed

Name: SecTION: Regular Irregular?		TENT TO DRILL (5) days prior to commencing well
Sec. Top. S. R. E W Code Section No. No. Sec. Top. S. R. Sec. Top. Section No. No. Section No. Section No. P. W Line of Section No. Line Section No. P. W Line of Section Section Residual Line Lin	Evpected Stud Date:	Snot Description:
Section Name	month day year	· · · · · — —
Name:		(0/0/0/0)
Address 1: Address 2: Chirl: State: Zip:	OPERATOR: License#	
Addross 2: City: Contact Person: Contact Person: Contract Person: Well Drilled For: Well Class: Type Equipment: Contract Representations of the Section Plat on reverse side) Country: Lease Name: Well Drilled For: Well Class: Type Equipment: Contract Capace Field? Target Formation(s): Target Formation(s): Nearest Lease or unit boundary line (in foolage): Terest MSL Water well within one equater mile: Contract Synace Sipe of the Section Plat of the MSL Water well within one equater mile: Contract Synace Sipe of the Section Synace Sipe of Section Mile Leading Synace Syn	Name:	
County:		is SECTION: Regular Irregular?
CONTRACTOR: License# Name: Well Drilled For: Well Class: Type Equipment: Is the a Proated / Spaced Field? Target Formation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease to Research Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Nearest Lease or unit boundary line (in footage): Ground Surface Elevation(s): Surface Pipe Planned to boundary line will will none quarter mile: Surface Pipe Planned to be set: Leagth of Surface Pipe Plan	Address 2:	(Note: Locate well on the Section Plat on reverse side)
Phone: CONTRACTOR: Licenses		•
CONTRACTOR: Licensell Licensell State Provided For: Well Class: Type Equipment: Type Equipment: Type Equipment: State Provided For: Well Class: Wilded Wilded For: Well Class: Wilded For: Well Class: Well Class: State Provided For: Well Class:		Lease Name: Well #:
Name: Well Drilled For: Well Class: Type Equipment: Nariest Lease or unit boundary line (in footage): Cardiout Storage Pool Ext. Called C		Field Name:
Well Drilled For: Well Class: Type Equipment: Ground Surface Elevation: Storage Pool Ext. Air Rotary Widcat Gable Ground Surface Elevation: Ground S		Is this a Prorated / Spaced Field?
Seismic Disposal Muld Rotary Wildcard Wildcar	Name:	
Gas Storage Pool Ext. Air Rotary Air Rotary Pool Ext. Air Rotary Pool Ext. Air Rotary Pool Ext. Air Rotary Public water supply well within one-quarter mile: Yes No No Public water supply well within one mile: Yes No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well within one mile: Yes No No Public water supply well water supply well within one mile: Yes No No Public water supply well water supply yell water supply yell water supply yell water supply well water supply well water supply yell wat	Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Gas Storage Pool Ext. Air Rotary Water well within one-quarter mile: Yes No Disposal Wildcat Cable Disposal Wildcat Cable Depth to bottom of usable water: Depth to Bottom of usable water Depth to Bottom of usable valer Depth to Bott	Oil Enh Rec Infield Mud Rotary	
Disposal Wildcat Cable Depth to bottom of fresh water: Depth to bottom of washle water: Depth to bottom of water Depth to bottom of washle water: Depth to washle water Depth to washle water Depth to washle wat		Water well within one-quarter mile:
Seismic :		
Surface Pipe by Alternate:	Seismic ; # of Holes Other	Depth to bottom of fresh water:
If OWWC: old well information as follows: Operator:	Other:	Depth to bottom of usable water:
Operator: Well Name: Original Completion Date: Original Total Depth: Projected Total Depth: Water Source for Drilling Operations: Directional, Deviated or Horizontal wellbore? Well Farm Pond Other: Bottom Hole Location: KCC DKT #: Will Cores be taken? If Yes, proposed zone: AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging; 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in: 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "Breaser Kansass surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing. Notify appropriate district office will be greated as a specified before or pursuant to Appendix before or pursuant or Appendix before district office or pulpe greated within 120 days of spud date. Or pursuant to Appendix "Breaser Kansass surface acasing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged or production plate according to field proration orders; Notif		Surface Pipe by Alternate: I II
Well Name: Original Completion Date: Origina	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set:
Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth: South Well Farm Pond Other: Water Source for Drilling Operations: Well Farm Pond Other:	Operator:	Length of Conductor Pipe (if any):
Water Source for Drilling Operations: Water Saurce for Drilling Operations: Water Saurce for Drilling Operations: Water Saurce for Drilling Operation Down In Saurce Saurc	·	Projected Total Depth:
Water Source for Drilling Operations: Water Saurce for Drilling Operations: Water Saurce for Drilling Operations: Water Saurce for Drilling Operation Down In Saurce Saurc	Original Completion Date: Original Total Depth:	Formation at Total Depth:
If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: Will Cores be taken? Will Cores and be taken. W		Water Source for Drilling Operations:
If Yes, true vertical depth: Bottom Hole Location: KCC DKT #: DWR Permit #: (Note: Apply for Permit with DWR)		
Note: Apply for Permit with DWR Yes No	If Yes, true vertical depth:	_
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AFFIDAVIT The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq. It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office prior to spudding of well; 2. A copy of the approved notice of intent to drill shall be posted on each drilling rig; 3. The minimum amount of surface pipe as specified below shall be set by circulating cement to the top; in all cases surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation. 4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging; 5. The appropriate district office will be notified before well is either plugged or production casing is cemented in; 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within 120 DAYS of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. In all cases, NOTIFY district office prior to any cementing. For KCC Use ONLY API # 15 - Conductor pipe required	KCC DKT #:	Will Cores be taken?
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For KCC Use ONLY API # 15	The undersigned hereby affirms that the drilling, completion and eventual plug It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> be through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the district. The appropriate district office will be notified before well is either plugged. If an ALTERNATE II COMPLETION, production pipe shall be cemented. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #15	drilling rig; by circulating cement to the top; in all cases surface pipe <i>shall be set</i> underlying formation. ict office on plug length and placement is necessary <i>prior to plugging;</i> ed or production casing is cemented in; I from below any usable water to surface within <i>120 DAYS</i> of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing
Approved by: Obtain written approval before disposing or injecting salt water If this permit has expired (See: authorized expiration date) please	API # 15 feet	 File Drill Pit Application (form CDP-1) with Intent to Drill; File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry;
- If this permit has expired (See: authorized expiration date) please		

(This authorization void if drilling not started within 12 months of approval date.)

_ Agent: _

Spud date: _

check the box below and return to the address below.

Well Not Drilled - Permit Expired Date: Signature of Operator or Agent:



IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

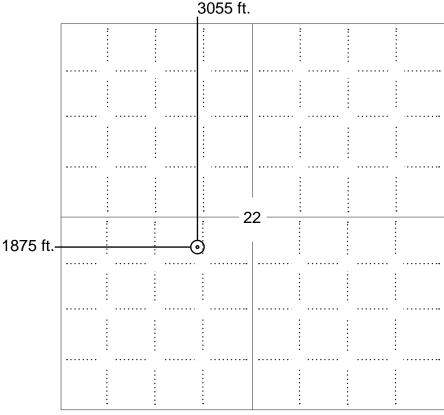
Plat of acreage attributable to a well in a prorated or spaced field

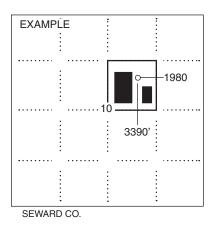
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15	
Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	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 well and shade attributable acreage for prorated or spaced wells.) (Show footage to the nearest lease or unit boundary line.)





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 south / north and east / west outside section lines.
- 3. The distance to the nearest lease or unit boundary line (in footage).
- 4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

)22200

Form CDP-1
April 2004
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) Is the pit located in a Sensitive Ground Water Is the bottom below ground level? Yes No Pit dimensions (all but working pits): Depth from If the pit is lined give a brief description of the material, thickness and installation procedure	Artificial Liner? Yes No Length (feet) m ground level to deepest point: liner Describe proce				
		ccgy,			
Distance to nearest water well within one-mile of pit		Depth to shallo	west fresh waterfeet.		
feet Depth of water wellfeet			redwell owner electric logKDWR		
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? Yes No Submitted Electronically		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.			
KCC OFFICE USE ONLY Steel Pit RFAC RFAS					
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection:		



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

NOTICE TO OPERATORS FILING INTENT TO DRILL FOR DISPOSAL OR ENHANCED RECOVERY INJECTION WELLS, (CLASS II INJECTION WELL)

The attached approved Notice of Intent to Drill indicates the proposed well is to be used for injection. An approved "Intent to Drill" does not approve injection authority as a Class II Injection Well in Kansas.

Before any well is used for injection purposes, the operator must file an application for injection authority in accordance with K.A.R. 82-3-401 and provide notice in accordance with K.A.R. 82-3-402. The Conservation Division must issue a written permit granting the application before commencement of injection.

The Conservation Division requirements and restrictions associated with Class II Injection are identified in K.A.R. 82-3-400 et seq of our regulations. Associated regulations governing drilling, completion and injection applications may be found in K.A.R. 82-3-135, Table I, Table II, in the Cedar Hills Sandstone Moratorium, (Docket #156,397-C), and the Eastern Kansas Surface Casing Order, (Docket #133,891-C).

If you have questions regarding the approval of injection authority, an injection application may be filed as a "Design Approval" before actual drilling and completion of the well occurs. If you have any questions or concerns regarding Class II injection wells or regulations, call the Underground Injection Control Department at 316-337-6200.

Failure to obtain commission approval before beginning injection is punishable by a penalty, shut-in of the well or both.



Kathleen Sebelius, Governor Thomas E. Wright, Chairman Michael C. Moffet, Commissioner Joseph F. Harkins, Commissioner

September 11, 2008

Chris Martin Tailwater, Inc. 6421 AVONDALE DR STE 212 OKLAHOMA CITY, OK73116-6428

Re: Drilling Pit Application Kempnich South Lease Well No. 5-IW SW/4 Sec.22-20S-20E Anderson County, Kansas

Dear Chris Martin:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: kcc.ks.gov/conservation/forms/

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (620) 432-2300.