

For KCC Use:		
Effective Date: .	11/13/2007	
District #1	[Z]	

Spud date: Agent:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1014085

Form C-1
October 2007
Form must be Typed
Form must be Signed
All blanks must be Filled

	Form must be Signed All blanks must be Filled CC five (5) days prior to commencing well
11/47/2007	•
Expected Spud Date:	Spot Description:
33168	- E2 SE - NE Sec. 19 Twp. 34 S. R. 11 DE W (0/0/0/0/0) 1,980 feet from N / S Line of Section
OPERATOR: License#	1,980 feet from N / S Line of Section 330 feet from E / W Line of Section
Name: Woolsey Operating Company, LLC	Is SECTION: Regular Inregular?
Address 1: 125 N MARKET STE 1000	
Address 2: City: WICHITA State: KS Zip: 67202 + 1775	(Note: Locate well on the Section Plat on reverse side) County: Barber
Contact Person: Dean Pattisson	County:
Phone: 316-267-4379	Lease Name: LOGAN X Well #: ⁶ Field Name: STRANATHAN
CONTRACTOR: License# 33843	Is this a Prorated / Spaced Field?
Name: Terra Drilling, LLC	Target Formation(s): MISSISSIPPIAN
	Nearest Lease or unit boundary line (in footage): 330
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation: 1395 feet MSL
⊠Oil ☐ Enh Rec ☑ Infield ☑ Mud Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:
Disposal Wildcat Cable	Depth to bottom of fresh water: 180
Seismic; # of Holes Other Other:	Depth to bottom of usable water: 180
Other:	Surface Pipe by Alternate: III
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 200
	Length of Conductor Pipe (if any):
Operator:	5200
Original Completion Date: Original Total Depth:	
Directional, Deviated or Horizontal wellbore? If Yes, true vertical depth:	Water Source for Drilling Operations: No Well Farm Pond ⊠Other: TO BE HAULED
Bottom Hole Location:	
KCC DKT #:	
	If Yes, proposed zone:
	AFFIDAVIT
The undersigned hereby affirms that the drilling, completion and even	tual plugging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met:	
through all unconsolidated materials plus a minimum of 20 feet 4. If the well is dry hole, an agreement between the operator and the second of the appropriate district office will be notified before well is either an ALTERNATE II COMPLETION, production pipe shall be confirmed on the present to Appendix "B" - Eastern Kansas surface casing of the second of the secon	be set by circulating cement to the top; in all cases surface pipe shall be set into the underlying formation. the district office on plug length and placement is necessary prior to plugging;
Submitted Electronically	Remember to:
For KCC Use ONLY	- File Drill Pit Application (form CDP-1) with Intent to Drill;
API # 15 - 15-007-23232-00-00	- File Completion Form ACO-1 within 120 days of soud date:
Conductor pipe required 0 feet	- File acreage attribution plat according to field proration orders;
Minimum surface pipe required 200 feet per ALT.	Notify appropriate district office 48 hours prior to workover or re-entry;
Minimum surface pipe required 200 feet per ALT. Approved by: Rick Hestermann 11/08/2007	- Submit plugging report (CP-4) after plugging is completed (within 60 days); - Obtain written approval before disposing or injecting salt water.
	If this permit has expired (See: authorized expiration date) please
This authorization expires: 11/08/2008	check the box below and return to the address below.
(This authorization void if drilling not started within 12 months of approval da	Well Not Drilled - Permit Expired Date:
Church date: Amonts	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

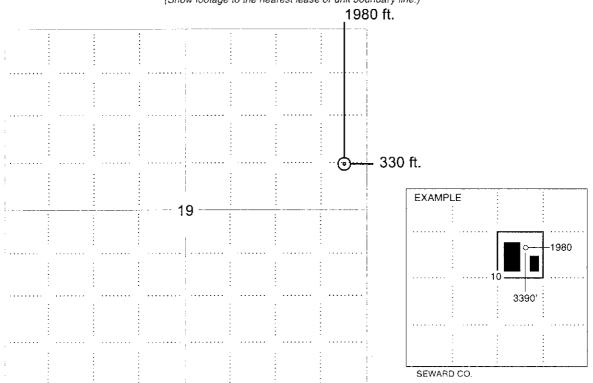
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please 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 - 15-007-23232-00-00					
Operator: Woolsey Operating Company, LLC Lease: LOGAN X					
Well Number: 6 Field: STRANATHAN	330 Sec. <u>19</u> Twp. 34	feet from 🔀 E / 🔲 W Line of Sectio			
Number of Acres attributable to well: OTR/QTR/QTR/QTR of acreage: - E2 - SE - NE	Is Section: X Regular of	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.)



${\it NOTE: In all \ cases \ locate \ the \ spot \ of \ the \ proposed \ drilling \ locaton.}$

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 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

1014085

Form CDP-1 April 2004 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Woolsey Operating Company, LLC		License Number: 33168						
Operator Address: 125 N MARKET STE 1000				WICHITA	KS	67202		
Contact Person: Dean Pattisson			Phone Number: 316-267-4379					
Lease Name & Well No.: LOGAN X	6		Pit Location (QQQQ):					
Type of Pit:	Pit is:			SE NE				
Emergency Pit Burn Pit	ttling Pit		Sec. 19 Twp. 34 R. 11 East West 1,980 Feet from North / South Line of Section					
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)								
			Barber			County		
is the pit located in a Sensitive Ground Water Area? Yes No			Chloride concentration:mg/l					
Is the bottom below ground level?	Artificial Liner?		(For Emergency Pits and Settling Pits only) How is the pit lined if a plastic liner is not used?					
Yes No	Yes X	No	CLAYS FROM MUD WILL PROVIDE SEALER					
Pit dimensions (all but working pits):	00 Length (fe	eet) 100	Width (feet)		N/A: Steel	Pits		
Depth fro	om ground level to de				No Pit			
If the pit is lined give a brief description of the liner Describe procedure			edures for periodic r	naintenance and deterr	nining			
material, thickness and installation procedure	•	iller integrity, i	ncidding any specia	monitoring.				
			Depth to shallowest fresh waterfeet.					
2124 feet Depth of water well 52 feet			Source of information: measured well owner electric log KDWR					
Emergency, Settling and Burn Pits ONLY:		Drilling, Workover and Haul-Off Pits ONLY:						
Producing Formation: Type		Type of materia	Type of material utilized in drilling/workover: FRESH					
		Number of working pits to be utilized:3						
Barrels of fluid produced daily:		Abandonment procedure: MONITOR UNTIL DRY, BACKFILL AND RESTORE LOCATION						
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.						
		1						
Submitted Electronically								
KCC OFFICE USE ONLY Steel Pit RFAC RFAS RFAS								
Date Received: 11/08/2007 Permit Number: 15-007-23232-00-00 Permit Date: 11/08/2007 Lease Inspection: X Yes No								



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

November 08, 2007

Dean Pattisson Woolsey Operating Company, LLC 125 N MARKET STE 1000 WICHITA, KS67202-1775

Re: Drilling Pit Application LOGAN X Lease Well No. 6 NE/4 Sec.19-34S-11W Barber County, Kansas

Dear Dean Pattisson:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, 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 the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again 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) 225-8888 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) 225-8888.