For KCC Use:	6-27-07
Effective Date:	0 2/01
District #	
SGA? Yes	X No

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

## NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

Sepecited Spud Date   Short   Special   Spec	Must be approved by KCC tive (	5) days prior to commencing well	
OPERATOR: Loensel* *** Loensel* Lo	Expected Spud Date July 10, 2007 month day year	ApSE <u>SENW</u> <u>SE</u> <u>Sec. 5</u> Twp. 15 S. R. 21	East West
Name Considered Oil Company Name Considered Oil Company Name P. O. Box 1386 Address P. O. Box 1386 Address P. O. Box 1386 Address P. O. Box 1386 Contact Person: Larry Crawford Contact Pe	OREDATOR: Liganos# 5455	1341 feet fromN / ✓ S Line	of Section
Address P.O. Box 1566    Contact Person Larry Crowland   Conta			of Section
Country   Tenson   Licenses   33575     Name   WW Drilling   LtC     Well Drilled For:   Well Class:   Type Equipment:   Ground   Formation   Format	P.O. Box 1366	is SECTION Regular Irregular?	
Country Contact Person: Early Christophero (1967) 73373    Country Cou	City/State/Zin: El Dorado, KS 67042		a)
Lease Name: Schuster   Well #: C5	Contact Person: Larry Crawford	County: Trego	
Field Name: WWD Drilling, LLC   Saces   Type Equipment:   Strike Protection   Strike   Stri	Phone: (316) 377-3373	Lease Name: Schuster Well #:	:2-5
Name: WW Drilling, LLU    Well Drilled For   Well Class:   Type Equipment:   Vision   Vision		Field Name: wildcat	
Nearest Lease or unit boundary: 1941   Nearest Lease or unit boundary: 1945   Nearest Lease or	CONTRACTOR: License# 33575		Yes ✓ No
Gas   Storage   Pool Ext.   Air Rotary   Water well within one-quarter mile:   Yes   Water well within one-quarter mile:   Yes   Water well within one-quarter mile:   Yes   Yes   Water Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Length of Surface Pipe Planned to be set: 200-   Water Surface Pipe Planned	Name: WW Drilling, LLC	Target Formation(s): Cherokee	
Gas   Storage   Pool Ext.   Air Rotary   Public water supply well within one mile:   Yes   Yes   Public water supply well within one mile:   Yes   Yes   Yes   Yes   Public water supply well within one mile:   Yes   Y	Well Class: Type Equipment:	Nearest Lease or unit boundary: 1341	
Gas   Storage   Pool Ext.   Air Rotary   Widdent   Cable   Cable   Own   Disposal   Widdent   Cable   Other   Depth to bottom of tresh water: 150"   Depth to bottom of the period to bottom of tresh water: 150"   Depth to bottom of tresh water: 150"		Ground Surface Elevation: 2178.8	feet MSL
Double   Disposal   Wildcat   Cable   Dother		Water well within one-quarter mile:	
Selsmic;    # of Holes			Yes ✓ No
If OWWC: old well information as follows:   Operator:		Depth to bottom of fresh water: 150	
If OWWC: old well information as follows:   Operator:		Depth to bottom of usable water:	
Operator: Well Name: Original Completion Date: Original Total Depth: Original Total Depth: Original Completion Date: Original Conductor Da	Otner	Surface Pine by Alternate:   1   J   2	
Operator: Well Name: Original Completion Date: Original Total Depth: Original Total Depth: Original Completion Date: Original Conductor Da	If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 200	
Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth: Original Total Peth Depth: Original Total Depth: Original Tot	Operator:	Length of Conductor Pipe required:	
Water Source for Drilling Operations:  Water Source for Drilling Operations:  Well Farm Pond Other pump from stream  DWR Permit #: permit applied for  (Note: Apply for Permit with DWR )  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 plugglic.  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 ceme 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 I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  For KCC Use ONLY  API # 15 - 195 - 20 40 8, - 20 000  NOR.  API # 15 - 195 - 20 40 8, of spud date;  File Completion Form ACO-1 within 120 days of spud date;  File completion Form ACO-1 within 120 days of spud date;  File completion Form ACO-1 within 120 days of spud date;  File completion Form ACO-1 within 120 days of spud date;	•	Projected Total Depth: 4,125	
Water Source for Drilling Operations:  Well Farm Pond Other pump from stream  DWR Permit #: Permit applied for  (Note: Apply for Permit with DWR )  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 plugglic.  5. The appropriate district office will be notified before well is either plugged or production casing is cemented in:  6. If an ALTERNATE If 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 it ceme 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.  I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  For KCC Use ONLY  API # 15 - 195 - 2016 9, DOCOD  NORTH Permit 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:	Original Completion Date:Original Total Depth:		
Bottom Hole Location:		Well Farm Pond Other pump from stream	
Yes   Will Cores be taken?     Yes			
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 plugglis.  5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;  6. If an ALTERNATE If 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 If cemer 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.  I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: June 22, 2007  Signature of Operator or Agent:  For KCC Use ONLY  API # 15 - J95-23409-D000  For KCC Use ONLY  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;		Γ	Ven ZNe
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 plugglis.  5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;  6. If an ALTERNATE It 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 It ceme 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.  I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: June 22, 2007  Signature of Operator or Agent:  File Drill Pit Application (form CDP-1) with Intent to Drill;  File Completion Form ACC-1 within 120 days of spud date;  File acreage attribution plat according to field proration orders;	KCC DKT #:		Yes [¥_NO
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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 drilling rig;  3. The minimum amount of surface pipe as specified below <i>shall be set</i> by circulating cement to the top; in all cases surface pipe <i>shall be set</i> 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 <i>prior to plugglis</i> .  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 cemerature be completed within 30 days of the spud date or the well shall be plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.  I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date:  Signature of Operator or Agent:  **Remember to:**  - File Drill Pit Application (form CDP-1) with Intent to Drill;  - File Completion Form ACO-1 within 120 days of spud date;  - File Completion Form ACO-1 within 120 days of spud date;  - File acreage attribution plat according to field proration orders;			
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I hereby certify that the statements made herein are true and to the best of my knowledge and belief.  Date: June 22, 2007 Signature of Operator or Agent: Title: Agent  For KCC Use ONLY  API # 15 - 195-22469-0000  API # 15 - 195-22469-0000  None  Remember to:  - 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;	<ol> <li>A copy of the approved notice of intent to drill shall be posted on ear</li> <li>The minimum amount of surface pipe as specified below shall be sethrough all unconsolidated materials plus a minimum of 20 feet into the lift the well is dry hole, an agreement between the operator and the of the appropriate district office will be notified before well is either plug if an ALTERNATE II COMPLETION, production pipe shall be cement Or pursuant to Appendix "B" - Eastern Kansas surface casing order</li> </ol>	It by circulating cement to the top; in all cases surface pipe shate underlying formation. listrict office on plug length and placement is necessary prior to a production casing is cemented in; led from below any usable water to surface within 120 days of #133,891-C, which applies to the KCC District 3 area, alternate	to plugging; spud date. te II cementing
Date: June 22, 2007  Signature of Operator or Agent:   Signature of Operator or Agent:   None  Signature of Operator or Agent:   None  Signature of Operator or Agent:   None  Title: Agent  Remember to:  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;			-
For KCC Use ONLY  API # 15 - 195-22 4169-DOCO  API # 195-22 4169-DOCO  API		// /	
For KCC Use ONLY  API # 15 - 195-22469-DOOD  API # 15 - 195-22469-DOOD  API # 15 - 195-22469-DOOD  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;		Remember to:	
Minimum surface pipe required 200 feet per Alt. 12 - Submit plugging report (CP-4) after plugging is completed;	API # 15 - 195-22469-D000  Conductor pipe required None feet  Minimum surface pipe required 200 feet per Alt. 1/2	<ul> <li>File Drill Pit Application (form CDP-1) with Intent to Drill;</li> <li>File Completion Form ACO-1 within 120 days of spud date;</li> <li>File acreage attribution plat according to field proration orde</li> <li>Notify appropriate district office 48 hours prior to workover o</li> <li>Submit plugging report (CP-4) after plugging is completed;</li> </ul>	or re-entry;
Approved by:	Approved by: fur 6-22-07		
This authorization expires: 12-22-07  If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.	This authorization expires: 12-22-07	<ul> <li>It this permit has expired (See: authorized expiration date) picture to the address below</li> </ul>	lease 🗸
(This authorization void if drilling not started within 6 months of approval date.)  Well Not Drilled - Permit Expired	· ·	Well Not Drilled - Permit Expired	  -
Spud date: Signature of Operator or Agent: Date: RECEIVED	Spud date: Agent:	Signature of Operator or Agent:	(ED )

JUN 2 2 2007

#### 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.

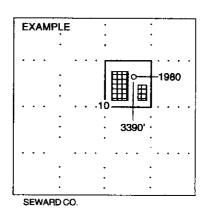
API No. 15 - 195-21469-000	Location of Well: County:_Trego
Operator: Crawford Oil Company	•
Lease: Schuster	1341 feet from N / ✓ S Line of Section 1625 feet from ✓ E / W Line of Section
Well Number: 2-5 Field: wildcat	Sec. 5 Twp. 15 S. R. 21 ☐ East ✓ Wes
Number of Acres attributable to well:	Is Section: 📝 Regular or 🔲 trregular
QTR / QTR / QTR of acreage: ApSE _ SENW _ SE	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.)

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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 section's south / north and east / west.
- 3. The distance to the nearest lease or unit boundary line.
- 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

Form CDP-1 April 2004 Form must be Typed

### **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Name: Crawford Oil Company		License Number: 5455			
Operator Address: P.O. Box 1366, El Dorado, KS 67042					
Contact Person: Larry Crawford			Phone Number: ( 316 ) 377 - 3373		
Lease Name & Well No.: Schuster 2-	 5		Pit Location (QQQQ):		
Type of Pit:	Pit is:				
Emergency Pit Burn Pit	Proposed	Existing	Sec. 5 Twp. 15 R. 21 ☐ East ✓ West		
Settling Pit	If Existing, date constructed:		1341 Feet from North / South Line of Section		
☐ Workover Pit ☐ Haul-Off Pit	Pit capacity:		1625 Feet from 🗸 East / West Line of Section		
(If WP Supply API No. or Year Drilled)	4,000	(bbls)	Trego County		
Is the pit located in a Sensitive Ground Water	Area? Yes 🗸	No	Chloride concentration:mg/l		
			(For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?		
Yes No	☐ Yes 🗸	No	plastic liner		
Pit dimensions (all but working pits):	75 Length (fe	eet) 75	Width (feet) N/A: Steel Pits		
Depth fi	rom ground level to de	eepest point: 4	(feet)		
Distance to nearest water well within one-mile of pit  Depth to shallowest fresh water					
		measu	Source of information: measured well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:  Drilling, Workover and Haul-Off Pits ONLY:					
Emergency, Settling and Burn Pits ONLY:  Producing Formation:  Number of producing wells on lease:  Drilling, Workover and Haul-Off Pits ONLY:  Type of material utilized in drilling/workover:  Number of working pits to be utilized: 2					
		Number of working pits to be utilized: 2			
Barrels of fluid produced daily: Abandonment procedure: air dry and 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 state  June 22, 2007  Date	ements are true and o	Jonna	of my knowledge and belief.  RECEIVED  KANSAS CORPORATION COMMISS  JUN 2 2 2007  Ignature of Applicant or Agent		
			CONSERVATION DIVISION WICHITA KS		
KCC OFFICE USE ONLY WICHITA, KS					
Date Received: 6/22/07 Permit Num	ber:	Permi	t Date: <u>6/22/o7</u> Lease Inspection: Yes K No		