

For KCC	Use:	
Effective	Date:	
District #		
SGA?	Yes No	

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

# **NOTICE OF INTENT TO DRILL**

Spot Description:    Spot Description:   Spot Description:   Spot Description:   Sect.   TwpS. R  E   W		re (5) days prior to commencing well s Surface Owner Notification Act, MUST be submitted with this form.
Section   Sect	Expected Stud Date:	Snot Description:
OPERATOR: Licenses	month day year	·
Section   Regular   Impediar   Restrown   E /   W Line of Section   Radioses 1:   Address 2:   City   Slate:   Zip:   County:   County		
Address 5:   Contact Person:	OPERATOR: License#	
Address 2:   Chip:   Signo:   Zip:	Name:	
Country: Contact Person: Contract Person: Contractor:	Address 1:	Is SECTION: Regular Irregular?
ContraCtors: Ucense# Name: Field Marne:   Lease Name:   Well #: Field Marne:   Lease Name:   Well Drilled For:   Well Class:   Type Equipment:   String Promotion(s):   Name: Lease of unity one-quarter mile:   Yes   No Public Well of the Well Class:   Name:   Well Promotion(s):   Name: Lease of unity with one-quarter mile:   Yes   No Public Well of the Well of t	Address 2:	(Note: Locate well on the Section Plat on reverse side)
Lease Name:   Well #:	·	County:
Field Name:		Lease Name: Well #:
Name:    Neil Drilled For:   Weil Class:   Type Equipment.   Nearest Lease or unit boundary line (in footage):   Nearest L	Phone:	Field Name:
Name:	CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Nearost Lease or unit boundary line (in footage):   Set MSL   Galos	Name:	
Ground Surface Elevation:   feet MSL   Water well within one-quarter mile:   yas   No   No   Water well within one-quarter mile:   yas   No   No   Water well within one-quarter mile:   yas   yas   Yas   No   Water well within one-quarter mile:   yas   yas   No   Water well within one-quarter mile:   yas   yas   yas   yas   yas	Wall Drillad For: Wall Class: Type Fauinment:	
Oil   Enh Rec   Infloid   Mula Rotary   Water well within one-quarter mile:   Yes   No   Public water supply well within one-quarter mile:   Yes   No   Public water supply well within one mile:   Depht to bottom of fresh water:   Depht to Detom of fresh water:   Depht to D		· · · · · · · · · · · · · · · · · · ·
Gas   Grage   Pool EXI.   Cable   Ca		
Seismic : # of Holes Other Other: Organor: Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth: Formation at Total Depth: Other Formation at Total Depth: Water Source for Drilling Operations: Well Farm Pond Other: DVMR Permit #: 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 "B"- Eastern Kansas surface casing order #133,891-4, 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 pi		
Depth to bottom of usable water:		
Surface Pipe by Alternate:		•
Length of Surface Pipe Planned to be set:    Length of Conductor Pipe (if any):	Other:	
Operator:  Well Name: Original Completion Date: Original Total Depth:  Directional, Deviated or Horizontal wellbore?  Water Source for Drilling Operations:  Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  Will Cores be taken?  If ves, 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 sement 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 ceremeted;  Submitted Electronically  For KCC Use ONLY  API # 15 -  Minimum surface pipe required feet per ALT.	If OWWO: old well information as follows:	
Well Name: Original Completion Date: Original Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Water Source for Drilling Operations.  Water Source for Drilling Operations.  Water Source for Drilling Operation At Experiment Source developed on each drilling rigger or Source developed	in evivo. did non midimation de followe.	
Original Completion Date: Original Total Depth: Water Source for Drilling Operations: Water Source For Drilling Operation For Mod Operation For Drilling Operations: Water Source For Dr	Operator:	
Water Source for Drilling Operations:   Water Source for Drilling Operation   Water Source for Drilling Operation   Water Source for Drilling Operations:   Water Source for Drilling Operation   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation with K.S.A. 55 et. seq.   Water Source for Drilling Operation Promation operation or Drilling Operation Promation Promation Promat		-
Well   Farm Pond   Other:	Original Completion Date: Original Total Depth:	Formation at Total Depth:
If Yes, true vertical depth:  Bottom Hole Location:  KCC DKT #:  DWR Permit #:  (Note: Apply for Permit with DWR   )  Will Cores be taken?  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.  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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required feet  Minimum surface pipe required feet per ALT.		
Bottom Hole Location:		
Will Cores be taken?   Yes   No	•	DWR Permit #:
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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required		
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 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.  Submitted Electronically  For KCC Use ONLY  API # 15	KCC DKT #:	- Will Cores be taken? Yes No
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.  Submitted Electronically    For KCC Use ONLY		If Yes, proposed zone:
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.  Submitted Electronically    For KCC Use ONLY	AF	FIDAVIT
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 plugging</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 cementing must 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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required		
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</i> set by circulating cement to the top; in all cases surface pipe <i>shall be</i> 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 <i>prior to plugging</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 cementing must 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.  Submitted Electronically    For KCC Use ONLY		lugging of this well will comply with K.S.A. 55 et. seq.
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 plugging</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 cementing must 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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required	It is agreed that the following minimum requirements will be met:	
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 plugging</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 <i>120 DAYS</i> 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. <i>In all cases, NOTIFY district office</i> prior to any cementing.  Submitted Electronically  For KCC Use ONLY  API # 15		
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		
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 plugging</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 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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required		
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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required		
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.  Submitted Electronically  For KCC Use ONLY  API # 15 -  Conductor pipe required	, ,	, , , , , , , , , , , , , , , , , , , ,
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.  Submitted Electronically  For KCC Use ONLY  API # 15		
For KCC Use ONLY  API # 15		
Remember to:   For KCC Use ONLY	must be completed within 30 days of the spud date or the well shall b	e plugged. In all cases, NOTIFY district office prior to any cementing.
Remember to:   For KCC Use ONLY		
Remember to:   For KCC Use ONLY		
Remember to:   For KCC Use ONLY	Submitted Electronically	
For KCC Use ONLY  API # 15	,	Pamambar to:
API # 15	For KCC Use ONLY	
Conductor pipe requiredfeet	ADI # 15	·
Conductor pipe required		·
Minimum surface pipe requiredfeet per ALTIII	Conductor pipe requiredfeet	
Approved by:	Minimum surface pipe requiredfeet per ALTIII	
This authorization expires: (This authorization void if drilling not started within 12 months of approval date.)  - Submit plugging report (CP-4) after plugging is completed (within 60 days); - Obtain written approval before disposing or injecting salt water.		
(This authorization expires:		
	·	
	1 2.2010.1.2010.1.101.1.19 Tot otal tod Wallet 12 Mollillo of approval date.)	- If well will not be drilled or permit has expired (See: authorized expiration date)

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Agent:

please check the box below and return to the address below.

Well will not be drilled or Permit Expired	Date:
Signature of Operator or Agent:	

Side Two



feet from

N /

S Line of Section

For KCC Use ONLY	
API # 15	

Operator: \_\_

Lease: \_\_

### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Location of Well: County: \_\_

Well Numb	Well Number:				feet from E / W Line of Section					of Section				
Field:							SecTwpS. R 🗌 E				E	W		
	Acres attrib						Is Section: Regular or Irregular							
								Section is	Irregular, ler used:		NW			dary.
					d electrica	l lines, as		y the Kan	dary line. S sas Surface sired.					
	:		<u>:</u>	:		: :	:	· :						
			:	:		:	:				LEGI	END		
											Tank   Pipeli Electr	Location Battery L ne Locat ric Line L e Road L	ion ocation	
			:	1		:	:	:		EXAMPLE :			:	
							· · · · · · · · · · · · · · · · · · ·						:	
330 ft	•						:	:			0-7			1980' FSL

# 1035 ft.

### 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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

NOTE: In all cases locate the spot of the proposed drilling locaton.



# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

100355

Form CDP-1 May 2010 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	Pit is:	Existing	SecTwp R		
Settling Pit Drilling Pit	If Existing, date con		Feet from North / South Line of Section		
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	Feet from East / West Line of Section County		
Is the pit located in a Sensitive Ground Water A	rea? Yes N	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?  Yes No			How is the pit lined if a plastic liner is not used?		
Pit dimensions (all but working pits):	Length (fee	t)	Width (feet) N/A: Steel Pits		
Depth fro	om ground level to deep	pest point:	(feet) No Pit		
If the pit is lined give a brief description of the line material, thickness and installation procedure.	itei		dures for periodic maintenance and determining ncluding any special monitoring.		
Distance to nearest water well within one-mile of	of pit:	Depth to shallo	west fresh water feet. mation:		
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	over and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	al utilized in drilling/workover:		
Number of producing wells on lease:		Number of working pits to be utilized:			
Barrels of fluid produced daily:		Abandonment p	procedure:		
Does the slope from the tank battery allow all splow into the pit? Yes No	pilled fluids to	Drill pits must b	pe closed within 365 days of spud date.		
Submitted Electronically					
	кссс	OFFICE USE OI	NLY  Liner Steel Pit RFAC RFAS		
Date Received: Permit Numb	ber:	Permi	t Date: Lease Inspection: Yes No		



# Kansas Corporation Commission Oil & Gas Conservation Division

1100355

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

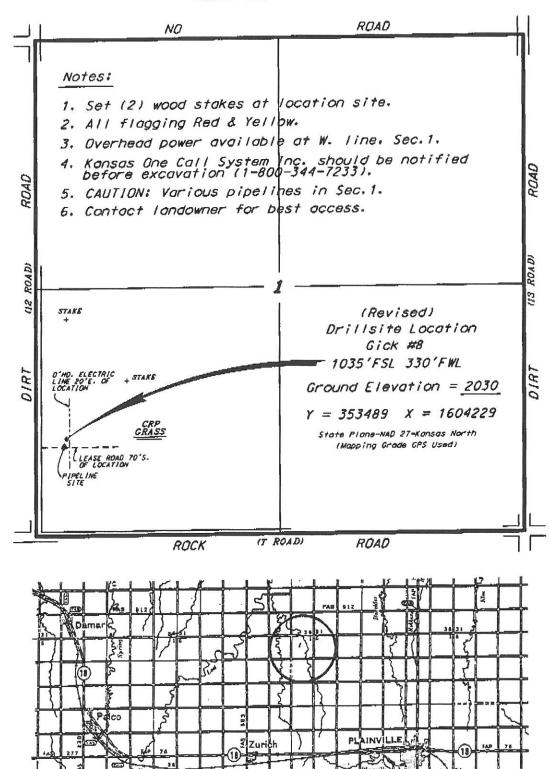
This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1	(Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)				
OPERATOR: License #	Well Location:				
	County:				
Address 1:	Lease Name: Well #:				
Address 2:  City: State: Zip: +					
Contact Person:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:				
Phone: ( ) Fax: ( )					
Email Address:					
Surface Owner Information:					
Name:	When filing a Form T-1 involving multiple surface owners, attach an additiona sheet listing all of the information to the left for each surface owner. Surface				
Address 1:	owner information can be found in the records of the register of deeds for the				
Address 2:	county, and in the real estate property tax records of the county treasurer.				
City:					
the KCC with a plat showing the predicted locations of lease roads, tan are preliminary non-binding estimates. The locations may be entered of Select one of the following:  I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be I CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, a I have not provided this information to the surface owner(s). I a KCC will be required to send this information to the surface or	Act (House Bill 2032), I have provided the following to the surface located: 1) a copy of the Form C-1, Form CB-1, Form CB-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.  Cacknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this gree, payable to the KCC, which is enclosed with this form.				
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.				
Submitted Electronically					
	_				

n as shown on this y not be (egally it landowner. ment for access.

# CITATION OIL & GAS CORPORATION GICK LEASE SW. 1/4. SECTION 1, T9S, R19W ROOKS COUNTY, KANSAS



October 26, 2012

e Controlling data is based upon the base Maps and photography available to us and upon a regular Section at land containing 640 octos.

sevian or tare variantly eth Octob.

Assorbingte section lines were charmined using the horizol standard of COTA of militard Surveyors practicing in the state of Komson in section corners, which satellish the precise decisor lines, practicing in the state of Komson in severa not necessary in the state listerion of the drillistic logation in the Section is ever not necessary in the state listerion of the drillistic logation in the Section is ever not not seat the large of the state of the state

### **GENERAL DRILLING PROCEDURE**

Projected TD: 3500' to 3900' MD

Objective: Arbuckle

- ✓ Build location to rotary rig specifications. Build & install cellar large enough to accommodate BOPE.
- ✓ Reduce or shut-in offset injection wells, a week prior to spud, to maintain ≤ 100 psi surface injection pressure.
- ✓ Dig and line pit. Fill with fresh water from drilling water source.
- ✓ Dig earthen pit system per rig specifications. Fill with 2 loads mud from prior well.
- ✓ MIRU rotary rig and equipment. Contractor will dig mouse and rat hole per footage bid.

# 8 5/8" Surface Casing

- 1. Spud 12  $\frac{1}{4}$ " hole and drill to  $\frac{1}{2}$  1300' utilizing fresh water spud mud ranging from 9.0 ppg to 9.2 ppg.
- 2. Circulate and condition hole to run 8 <sup>5</sup>/<sub>8</sub>" 24#, K-55, ST&C casing. TOOH w/ bit.
- 3. RU casing tools and run  $8^{5}/8^{\circ}$  K-55, 24#/ft, ST&C casing as follows:

### Casing Detail $(T \rightarrow B)$

 $8^{5}/8$ " 24 #/ft K-55 ST&C casing to surface

8 <sup>5</sup>/<sub>8</sub>" Float Collar (or Insert Float Valve)

2 jts  $8^{5}/8^{\circ}$  24 #/ft K-55 ST&C new casing

8 5/8" Guide Shoe or Cut-lip Guide

ID	Drift	Optimum Torque	Collapse	Burst	Tension
8.097"	7.972"	2,440 ft-lbs	1,370 psi	2,950 psi	244,000 lbs

### **Special Instructions**

- a) Run 12 (12  $\frac{1}{4}$ " x 8  $\frac{5}{8}$ ") centralizers as follows:
  - 1 Middle of first jt w/ stop ring.
  - 1 Collar of first it.
  - 1 Middle of second jt w/ stop ring (below float collar).
  - 1 Middle of third jt w/ stop ring (above float collar).
  - 1 Every third collar to surface.
- b) Tack-weld shoe and bottom (4) connections.
- c) Thread-lock bottom four (4) connections if deemed necessary.
- d) Break circulation through float equipment after lowering below rotary table.
- e) With casing on bottom, circulate a minimum of 2 3 hole volumes (or until fluid cleans up) prior to cementing.

- f) If possible, rotate and/or reciprocate pipe during circulating and cementing operations.
- 4. RU cement co. Circulate and condition mud. Cement surface casing w/ 500 sx Common Cement w/ 2% gel & 3% CaCl<sub>2</sub>. Displace plug w/ fresh water. Land plug w/ 500 psi over late pumping pressure. Release pressure and check float.
- 5. WOC 8 hrs. Cut-off 8 5/8" casing & NU on 8 5/8" with appropriate casing head. NU BOPE.
- 6. Test Casing to 1000 psi and annular BOP to 1000 psi.

### 5 ½" Production Casing

- 7. TIH w/  $7^{7}/8$ " bit and drill out plug, FC, cement and casing shoe. Drill  $7^{7}/8$ " hole to approximately 2800' (100' above Topeka A) with native mud. At a drill depth of 2800', displace hole with chemically dispersed mud from 500 bbl frac tank. Maintain WL at 8 to 10 cc's as per mud program. Maintain LCM in mud as lost circulation dictates. Continue drilling to TD.
- 8. At TD, circulate and condition mud for logs. Short trip to last bit change. TIH to TD and circulate bottoms up twice or until returns clean. Chain out 20 stands. Strap out of hole to log.
- 9. RU WL company and run OH logs as per geological prognosis.
- 10. TIH w/ $7^{7}/8$ " bit w/ slick BHA to TD. Circulate and condition hole to run casing.
- 11. POOH laying down DP and BHA.
- 12. RU casing tools and run  $5 \frac{1}{2}$ " production casing as follows:

### Casing Detail $(T \rightarrow B)$

5 ½" 15.5# J-55 LT&C new casing to surface

5 ½" Float Collar

2 jts 5 ½" 15.5# J-55 LT&C new casing

5 1/2" Float Shoe

Drift	ID	Optimum Torque	Collapse	Burst	Tension
4.825"	4.950"	2,170 ft-lbs	4,040 psi	4,810 psi	217,000 lbs

### **Special Instructions**

- a) Run 14 ( $7^{7}/8$ " x 5  $\frac{1}{2}$ ") centralizers as follows:
  - 1 Middle of first jt w/ stop ring.
  - 1 Collar of first jt.
  - 1 Middle of second it w/ stop ring.
  - 1 Float Collar.
  - 10 Spaced every other collar.
  - 1 Cement Basket above LKC 'A'

- 1 Cement Basket above Arbuckle
- b) Tack-weld float shoe and casing collars past float collar.
- c) Thread-lock bottom four (4) connections.
- d) Break circulation through float equipment after lowering below rotary table.
- e) With casing on bottom, circulate a minimum of 2 3 hole volumes prior to cementing.
- f) Rotate and/or reciprocate casing during circulating and cementing operations.
- 13. RU cement co. Cement production casing w/ 500 gals WFR-2 Mud Flush followed with 200 sx ASC cement w/ 10% salt, 2% gel and  $\frac{1}{4}$  #/sk Flo-Seal (Volume should bring cement top to ~2300 FFS). Displace with fresh wtr. Land plug with 500 psi over late pumping pressure. Release pressure and check float.
- 14. Pull BOP. Set 5 ½" casing, in full tension, in slips. Strip off BOP. Cut off casing and NU casing hanger.
- 15. Clean mud pits, release rig and all rental equipment.
- 16. Move drilling equipment to next location.

### **GENERAL COMPLETION PROCEDURE**

- ✓ Prior to MI RU PU, weld on 5 ½" belled nipple and NU WHAF.
- ✓ Plumb bradenhead to surface with BP ball valve.
- ✓ Back-fill cellar, clean-up and level location. Set anchors.
- ✓ Unload and rack 2 <sup>7</sup>/<sub>8</sub>" 6.5 ppf J-55 EUE 8rd work-string tubing.
- ✓ If necessary, dig & line "workover" pit. Otherwise, use drilling pits.
- ✓ Based on OH logs (and float collar depth), determine Arbuckle interval to be production tested:
  - o If Arbuckle is to be tested requires additional rat-hole is necessary, MI RU reverse equipment (i.e., pump, pit and swivel) for drill-out of float shoe.

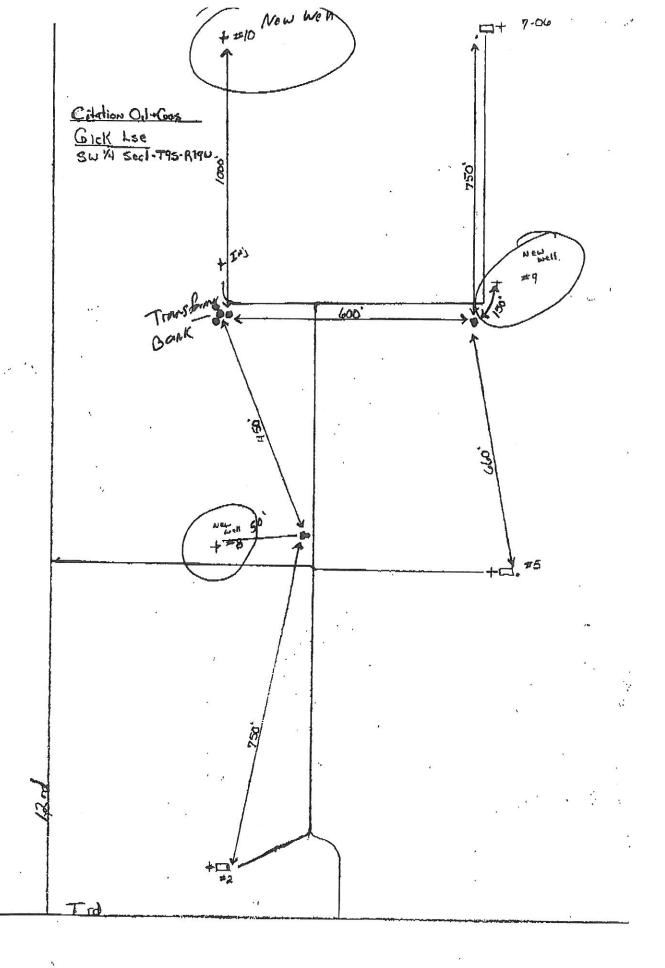
### **Arbuckle Production Test**

- 1. MI RU Pulling Unit. NU BOP. If drill-out is necessary based on the above criteria, PU & RIH w/  $4 \frac{3}{4}$ " MT bit, (6)  $3 \frac{1}{2}$ " DC's & SN on  $2 \frac{7}{8}$ " WS.
  - If drill-out is NOT required, PU & RIH w/  $4^{3}$ /4" MT bit, Scraper & SN on  $2^{7}$ /8" WS. Proceed to step 3.
- 2. DO FC & shoe jt(s) as necessary to provide adequate rathole.
- 3. CHC. PT csg to 1000 psi/15 min. POOH & LD BHA.
- 4. MI RU WL Unit & pack-off. Run GR/CCL/CBL log. RIH & perforate Arbuckle w/ 4 spf & 90° phasing (as per Geologist recommendation). Email GR/CCL/CBL to Houston office for inspections. POOH & LD perf gun. RD MO WL Unit.
- 5. PU & RIH w/ 5 ½" PKR & SN on 2 7/8" WS. Set PKR ± 25' above top Arbuckle perforation. RU swab. Swab test Arbuckle for potential fluid production and oil cut.
- 6. If deemed necessary, Acid stimulate Arbuckle perfs to provide optimum production test information.
  - ➤ Note: Stimulation recommendation will be provided on an "as needed" basis dependant on interval size and initial swab test results.
- 7. If deemed necessary, prepare well for polymer treatment and follow the General Polymer Treatment Procedure, if not continue to step 14.

# **General Polymer Treatment Procedure**

- 8. MI RU Acid co. Spot 500 gals of 15% HCL w/ mutual solvent on bottom. Let acid spend for 1 hour. RU swab and swab back 30 BBL load. RD swab.
- 9. Pump 1500 gals of 15% HCL w/ mutual solvent at rate of 6-7 bpm, do not exceed surface treating pressure of ~2300#. Displace acid w/ produced water. RDMO Acid. SI well for 2 hours for acid to spend. RU swab. Swab back 100 BBL load. RD swab.

- 10. RU & RIH w/ BHP sensor. RD MO Pulling Unit.
- 11. MI RU Polymer Unit. Pump polymer treatment dependent on formation potential from pre-acid swab rates and fluid level. Monitor polymer rates, concentrations, and volumes along with BH and surface treating pressures and report daily to Engineer. Displace final polymer stage with produced water.
- 12. RD MO Polymer Unit. POOH w/ BHP sensor. SI well for 7 days for polymer to build gel strength. MO frac tanks.
- 13. MI RU Pulling Unit. RU swab. Swab Arbuckle for rate and oil cut. RD swab.
- 14. POOH w/tbg & PKR. LD PKR.
- 15. Based on results of Arbuckle swab test, run completion assembly for artificial lift (to be determined).
- 16. RIH w/  $2^{7}/8$ " completion assembly. ND BOP. RIH w/ pump and rods. Note: Rod pump system size determined as per swab test and anticipated production rates.
- 17. NU WH. RD MO PU.
- 18. Lay flow-line from WH to active trunk line. Tie flow-line into active trunk line and WH. RU Bbl testing assembly.
- 19. Build pad, MI pumping unit & set. Tie in electrical service. Hang well on. Put well on production.
- 20. Monitor fluid levels and well tests for 30 days.



# 1&2-9S-19W ROOKS Co., KS

♦5 <sup>16</sup> •12 •7 •14	•4 •10 •2	+8 •13 •6 •9	6-3-BARRY B	4-SLANSKY •8 •13	p/416 -2	• 11	a 12 98	
*8 \$10 -11mc >6822 7501 \$28 •2	425 1 WES	•8 •23 5 915 •24 97W03	100	4-SLANSKY -134 -7 +1	916 •1 5251 ×3	A-51	<b>+10</b>	
				<b>†</b>			<b>+1</b>	

# Kansas Corporation Commission Oil & Gas Conservation Division

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent)	☐ CB-1 (Cathodic Protection Borehole Intent) ☐ T-1 (Transfer) ☐ CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R
Address 1:	County:
Address 2:	
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of
Contact Person:	the lease helow.
Phone: ( ) Fax: ( )	
Email Address:	
Surface Owner Information:	
Name:	
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the
Address 2:	county and in the real estate preparty toy records of the county trace user
City: State: Zip:+	
the KCC with a plat showing the predicted locations of lease re	1-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and coads, tank batteries, pipelines, and electrical lines. The locations shown on the plat entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
<ul> <li>□ I certify that, pursuant to the Kansas Surface Owner owner(s) of the land upon which the subject well is o CP-1 that I am filing in connection with this form; 2) if form; and 3) my operator name, address, phone numb</li> <li>□ I have not provided this information to the surface own KCC will be required to send this information to the signal.</li> </ul>	r Notice Act (House Bill 2032), I have provided the following to the surface or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this ber, fax, and email address.  Therefore, I acknowledge that, because I have not provided this information, the surface owner(s). To mitigate the additional cost of the KCC performing this D handling fee, payable to the KCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 form and the associated Form C-1, Form CB-1, Form T-1, or I	handling fee with this form. If the fee is not received with this form, the KSONA-1 Form CP-1 will be returned.
I hereby certify that the statements made herein are true and	correct to the best of my knowledge and belief.
Date: Signature of Operator or Agent:	Title: