For KCC Use: Effective Date: _ District # SGA? XYes

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

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

Expected Spud Date: Junej 1 2012 month day year ODEDATOR: Licensett 30525	
20505	Spot Description:
3UD/D *	(9/9/9/0) 3. N
UPERATUR: LICENSE#	2,880 feet from N / X S Line of Section feet from X E / W Line of Section
Name: D.S. LANGSTON Address 1: 310 W. CENTRAL, STE.# 202	Is SECTION: Regular Irregular?
Address 2:	· —
City: WCHITA State: KS. Zip: 67202 + 1004	(Note: Locate well on the Section Plat on reverse side)
Contact Person: D.S. LANGSTON	County: RICE
Phone: (620) 786-0874	Lease Name: NOVOTNY Well #: 31-L Field Name: MARY IDA
CONTRACTOR: License# 33350	
Name: SOUTHWIND DRLG., INC.	Is this a Prorated / Spaced Field? Yes No
	Target Formation(s): ARBUCKLE
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage): 240 TO THE SOUTH
XOil	Ground Surface Elevation: 1751' feet MSL
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ;# of HolesOther	Depth to bottom of fresh water: 105' Depth to bottom of usable water: 246' 300
Other:	Surface Pipe by Alternate:
If OWWO: old well information as follows:	Length of Surface Pipe Planned to be set: 475'
	Length of Conductor Pipe (if any):
Operator:Well Name:	Projected Total Depth: 3300'
Original Completion Date: Original Total Depth:	Formation at Total Depth: ARBUCKLE
Original composion bate.	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR
KCC DKT#: 12-CONS-233-CUOLE	Will Cores be taken?
	If Yes, proposed zone:
	FIDAVIT
The undersigned hereby affirms that the drilling, completion and eventual bill	
It is acrossed that the following minimum acrossing across will be seen	gging of this well will comply with K.S.A. 55 et. secans as corporation commission
It is agreed that the following minimum requirements will be met:	
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130 S. Market - Room 2078, Wichita, Kansas 67202

For KCC Use ONLY
API # 15

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.

Operator: _	D.S. LAN	GSTON							: County: RICE	Г	7 n / 15	71 C Lina	of Cortion
Lease: NO	VOTNY							,880 ,540		eet from eet from	N / <u>></u> X	<u> </u>	of Section of Section
Well Numb	er: 31-L							31	Twp. 18	S. R. 10	□] E 🔀	
Field: MAR	(Y IDA						Sec	;. <u></u>	ιwρ. <u></u>	_ 3. 11	L	J - K	
Number of QTR/QTR/				_ SW/4	_ SW/4	- NE/4	ls S	ection:	Regular or	Irregula	ır		
Q.,,,								ection is Irr	egular, locate v used: NE		T	rner bound SW	dary.
	Sh lease road	ow locatio ds, tank ba	n of the wa	ell. Show i pelines and	d electrical	he neares lines, as r	equired by	unit bounda the Kansas	ry line. Show the Surface Owner	predicted Notice Act	locations o	of ill 2032).	
					10u iiia	у ашаст а	Separate	piat ii desire	u.				
				:	:					LEG	END		
		• • • • • • • • • • • • • • • • • • •	·•·••••••			:	· · · · · · · · · · · · · · · · · · ·) Well	Location		
										Tank	Battery L	ocation	
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													1980' FSL
										0			1980' FSL
										0-1			1980' FSL

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).

SEWARD CO. 3390' FEL

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

For KCC Use ONLY
API # 15 - 159-22689-0000

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.

Operator: D.S. LANGSTON	Location of Well: County: RICE			
Lease: NOVOTNY	2,880 feet from N / X S Line of Section			
Well Number: 31-L				
Field: MARY IDA	Sec. 31 Twp. 18 S. R. 10 E 🔀 W			
Number of Acres attributable to well: 40	Is Section: X Regular or Irregular			
QTR/QTR/QTR of acreage:				
	If Section is Irregular, locate well from nearest corner boundary.			
	Section corner used: NE NW SE SW			
	PLAT			
Show location of the well. Show footage to the near	rest lease or unit boundary line. Show the predicted locations of			
	s required by the Kansas Surface Owner Notice Act (House Bill 2032).			
You may attach	a separate plat if desired.			
	LEGEND			
	LEGEND			
	: : Well Location			
	Tank Battery Location			
	Pipeline Location			
	Electric Line Location			
	Lease Road Location			
8	2890 FSL Unleased Rand 240 Sout			
ā • • • •	EXAMPLE :			
3				
	0-1 1980' FSL			
LCL	:			

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

- 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.

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 (Ca	chodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)				
OPERATOR: License # 30525 Name: D.S. LANGSTON	Well Location: W/2 sw/4 sw/4 NE/4 Sec. 31 Twp. 18 S. R. 10 Eas X West				
Address 1: 310 W. CENTRAL, STE.# 202	County: RICE				
Address 2:	Lease Name: NOVOTNY Well #: 31-L				
Address 2:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:				
Contact Person: D.S. LANGSTON Phone: (620) 786-0874					
Email Address: mbruce9665@sbcglobal.net					
Surface Owner Information: Name: JOAN NOVOTNY Address 1: 200 S. 2ND. Address 2:	When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.				
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic the KCC with a plat showing the predicted locations of lease roads, tank be are preliminary non-binding estimates. The locations may be entered on a Select one of the following:	patteries, pipelines, and electrical lines. The locations shown on the plat				
I certify that, pursuant to the Kansas Surface Owner Notice Act owner(s) of the land upon which the subject well is or will be loc CP-1 that I am filing in connection with this form; 2) if the form be form; and 3) my operator name, address, phone number, fax, and I have not provided this information to the surface owner(s). I ack KCC will be required to send this information to the surface own	ated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form ing filed is a Form C-1 or Form CB-1, the plat(s) required by this demail address. Inowledge that, because I have not provided this information, the				
task, I acknowledge that I am being charged a \$30.00 handling fo	ee, 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-1	e with this form. If the fee is not received with this form, the KSONA-1 will be returned.				
I hereby certify that the statements made herein are true and correct to the Date: 3/5/12 Signature of Operator or Agent:	ne best of my knowledge and belief. Title: INDEP. OIL & GAS OPERATOR				

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: 1a		License Number: 1b				
Operator Address: 1c						
Contact Person: 1d			Phone Number: 1e			
Lease Name & Well No.: 2a			Pit Location (QQQQ): 2d			
Type of Pit: 2b	Pit is: 2c		2d(1)			
Emergency Pit Burn Pit	Proposed	Existing	Sec. 2d(2) Twp. R. East West			
Settling Pit Drilling Pit	2c(1)		2d(3) Feet from North / South Line of Section			
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section			
	2c(2)	(bbls)	2d(4) County			
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: 2f 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 2g		lo 2h	िक्षा करें कर 2i			
	Length (fee		Width (feet) N/A: Steel Pits			
<u> </u>	om ground level to dec	36.3	2j (feet) No Pit			
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ner		dures for periodic maintenance and determining cluding any special monitoring.			
3			4			
3			4			
Distance to nearest water well within one-mile of	of pit:		Depth to shallowest fresh water 6 feet. Source of information:			
5 feet Depth of water well	5 feet	measured	measured well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	over and Haul-Off Pits ONLY:			
Producing Formation: 7		Type of materia	al utilized in drilling/workover:8			
Number of producing wells on lease:7			rking pits to be utilized: 8			
Barrels of fluid produced daily:7		Abandonment p	procedure: 8			
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No 7 Drill pits mus			be closed within 365 days of spud date.			
I hereby certify that the above statem	ents are true and corr	rect to the best of	my knowledge and belief.			
Date			9 nature of Applicant or Agent			
	KCC	OFFICE USE OF	Liner Steel Pit RFAC RFAS			
Date Received: Permit Number: Permit			Date: Lease Inspection: Yes No			

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: D.S. LANGSTON			License Number: 30525			
Operator Address: 310 W. CENTRAL, STE.# 202 WICHITA KS. 672						
Contact Person: D.S. LANGSTON		Phone Number: (620) 786-0874				
ase Name & Well No.: NOVOTNY 31-L			Pit Location (QQQQ):			
Type of Pit:	Pit is:		<u>W/2</u> _ <u>SW/4</u> _ <u>SW/4</u>	_ NE/4		
Emergency Pit Burn Pit	X Proposed	Existing	Sec. 31 Twp. 18 R	10 East X West		
Settling Pit X Drilling Pit	If Existing, date constructed: Pit capacity: 6,000 (bbls)		2,880 Feet from	North / X South Line of Section		
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)			2,540 Feet from X	East / West Line of Section		
Is the pit located in a Sensitive Ground Water A	urea? X Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)			
Is the bottom below ground level? X Yes No	Artificial Liner?	No	How is the pit lined if a plasti FRESH WATER MUD			
Pit dimensions (all but working pits):	0 Length (fee	et) 80	Width (feet)	N/A: Steel Pits		
Depth fro	om ground level to dee	epest point:	(feet)	No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.						
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	owest fresh water 18 feet.			
2550feet Depth of water well10feet I			well owner	electric log X KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:			
Producing Formation: Type of material			al utilized in drilling/workover:fresh water mud (bentonite)			
Number of producing wells on lease:			orking pits to be utilized:3			
Barrels of fluid produced daily: Abandonment			ventilate sides, allow water to evaporate, backfill, smooth & sow grass seed or hay			
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 statements are true and correct to the best of my knowledge and belief.						
3/5/12 Dete						
	KCC	OFFICE USE O		eel Pit RFAC		
Date Received: 3-6-12 Permit Number	ber:		eel Pit 🔀 RFAC 🗓 RFAS			

APPLICATION FOR SURFACE PIT (FORM CDP-1)

Instructions

General Instructions.

- All Notices of Intent to Drill must include an Application for Surface Pit, even if steel pits will be used.
- 2. Operators need to submit two copies of all CDP-1s.
- Form must be typed.

Section 1: Operator Information.

- Operator Name. Enter the operator's full name as it appears on operator's license.
- License Number. Enter the operator's license number. To verify KCC operator license information check the Commission's website at http://kcc.ks.gov/conservation/oil_license.cg or contact the Conservation Division's Licensing Department at (316) 337-6194.
- 1c. Operator Address. Enter the operator's mailing address.
- 1d. Contact Person. Enter the name of the individual who will be the operator's contact person for this Application for Surface Pit, should Conservation Division Staff need to contact the operator about the Application for Surface Pit. The contact person may be the operator or the operator's agent.
- Phone Number. Enter the phone number of the contact person, so that Conservation Division Staff may easily reach the contact person if necessary.

Section 2: Lease/Well/Pit Information.

- Lease Name & Well No. Enter the name of the lease, and if applicable the well number, at which the pit is or will be located.
- 2b. Type of Pit. Mark the appropriate box to indicate the type of pit. Note—if the pit is a workover pit, the operator must enter the API No. or Year Drilled of the well which is to be worked over.
- Proposed or Existing Pit. Operator should mark the appropriate box to indicate if the pit is proposed or already exists.
 - 2c(1). **Existing Pits.** The operator should provide the date pit was constructed.
 - 2c(2). Proposed and Existing Pits. The operator must provide the pit capacity.

2d. Pit Location.

- 2d(1). ¼ ¼ ¼ ¼ Section. The operator should list the location of the pit by ¼ ¼ ¼ % Section.
- 2d(2). Sec., Twp., and R. The operator should enter the Section, Township and Range Number in which the pit is located, and should mark either the "East" or "West" box to indicate if the Range # is East or West.
- 2d(3). Footage Location. This is where the operator reports the location of the pit from the North or South section line and the East or West section line. Enter in the blank provide the number of feet the pit is or will be from the North or South section line and then mark the appropriate box for the measurement to indicate if the footage is from the North or South section line. Follow the same procedure with respect to the location of the pit from the East or West section line.
- County. Enter the county in which the pit is or will be located.
- 2e. Sensitive Groundwater Area. Mark the appropriate box as to whether or not the pit is located in a Sensitive Groundwater Area. Operators may find a listing of Sensitive Groundwater Areas in Table III of the Conservation Division's Rules and Regulations. The Commission's rules and regulations for the conservation of oil and gas, including Table III, are available in an Adobe pdf file from the Conservation Division's website at http://kcc.ks.gov/conservation/index.htm.
- 2f. Chloride Concentration (for emergency and settling pits only). Indicate the chloride concentration level of fluids which the pit is or will be used to contain. A sample should be taken from the salt water tank. This information is needed to determine the potential for contamination should the salt water tank discharge into the emergency pit.

- Below Ground Level. Mark the appropriate box to indicate whether the bottom of the pit is below ground level.
- 2h. Artificial Liner. Mark the appropriate box to indicate whether the pit is or will be constructed with an artificial liner.
- Other Liner. Explain how the pit is constructed if a plastic liner is not used
- 2j. Pit Dimensions (all but working pits). For all but steel pits, enter the length, width, and depth (from ground level to the deepest point) in feet of the pit. If the pit is a steel pit, the operator only needs to mark the "steel pits" box. If no pits will be used, mark the "No Pit" box.

Section 3: Description of Liner.

If the pit is lined, enter a brief description of the liner material, thickness, and installation procedure.

Section 4: Description of Maintenance.

Enter a brief description of the procedures used for periodic maintenance and determining liner integrity, including any special monitoring.

Section 5: Distance to Nearest Water Well Within One Mile of Pit.

Enter the distance to the nearest water well within one mile of the pit location and the total depth of the water well. If there are not any water wells within a one-mile radius of the pit location, the space should be left blank. Water well information is available from the Kansas Geological Survey's website, at http://www.kgs.ku.edu/Magellan/WaterWell/index.html.

Section 6: Shallowest Freshwater Depth.

Enter the depth to the shallowest fresh water in the area of the pit and mark the appropriate box as the source of the freshwater information.

Section 7: Emergency, Settling, and Burn Pits ONLY.

Enter the formation from which wells on the lease are producing, the number of producing wells on the lease, and the number of barrels of fluids produced daily on the lease. The operator should also mark the appropriate box to indicate if the slope of the tank battery allows all spilled fluids to flow in the pit.

Section 8: Drilling, Workover, and Haul-Off Pits ONLY.

Enter the type of material utilized in the drilling or workover of the well, the number of working pits to be utilized, and the procedure to be used for abandoning the pits after work at the well is complete.

Section 9: Affidavit.

Date and sign the certification that the above statements are true and correct to the best of the signee's knowledge and belief.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

April 25, 2012

D.S. Langston 310 W. Central Ste 202 Wichita, KS 67202-1004

Re:

Drilling Pit Application

Novotny Lease Well No. 31-L

NE/4 Sec. 31-18S-10W Rice County, Kansas

Dear Sir or Madam:

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 all pits must be lined with bentonite. 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 within 72 hours after drilling operations have ceased. **Keep pits to NE of stake.**

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 (316) 630-4000 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: www.kcc.state.ks.us/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 undersigned at the above address.

Sincerely,

Kathy Haynes

Environmental Protection and Remediation Department