

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

Expected Spud Date:	month day		Spot Description:
	month day	year	, Sec Twp S. R 🔲 E 🔲 W
OPERATOR: License#			(Q/Q/Q/Q) feet from N / S Line of Section
			feet from E / W Line of Section
			Is SECTION: Regular Irregular?
	State: Zip		(Note: Escale well of the Section Flat of February
	<u> </u>		County
			Lease Name: Well #:
CONTRACTOR II			Field Name:
			is the difference of Spaces Field.
Name:			Target Formation(s):
Well Drilled For:	Well Class:	Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh F	Rec Infield	Mud Rotary	Ground Surface Elevation:feet MSL
Gas Stora		Air Rotary	Water well within one-quarter mile:
Dispo	<u> </u>	Cable	Public water supply well within one mile:
Seismic : # 0			Depth to bottom of fresh water:
	or ribics other		Depth to bottom of usable water:
			Surface Pipe by Alternate: I III
If OWWO: old well	information as follows:		Length of Surface Pipe Planned to be set:
Operatori			
•			Projected Total Depth:
	ate: Original		
Original Completion De	ite Original	Total Deptil.	Water Source for Drilling Operations:
Directional, Deviated or Ho	rizontal wellbore?	Yes No	Well Farm Pond Other:
·			DWK Feithit #
			(Note: Apply for Fernill Will DWT
			If Yes, proposed zone:
			ii les, proposed zone.
		AF	FIDAVIT
The undersigned hereby	affirms that the drilling, co	empletion and eventual p	lugging of this well will comply with K.S.A. 55 et. seq.
t is agreed that the follow	ving minimum requiremen	its will be met:	
1 Notify the appropri	ate district office <i>prior</i> to	enudding of well:	
	oved notice of intent to dri		sh drilling rig:
17 11			t by circulating cement to the top; in all cases surface pipe shall be set
	olidated materials plus a r		
4. If the well is dry ho	le, an agreement between	n the operator and the di	strict office on plug length and placement is necessary prior to plugging;
The appropriate dis	strict office will be notified	before well is either pluç	ged or production casing is cemented in;
			ed from below any usable water to surface within 120 DAYS of spud date.
			133,891-C, which applies to the KCC District 3 area, alternate II cementing
must be completed	within 30 days of the spu	ud date or the well shall b	e plugged. In all cases, NOTIFY district office prior to any cementing.
ubmitted Electro	nically		
			Remember to:
For KCC Use ONLY			- File Certification of Compliance with the Kansas Surface Owner Notification
			Act (KSONA-1) with Intent to Drill;
API # 15 -			
API # 15		f	- File Drill Pit Application (form CDP-1) with Intent to Drill;
Conductor pipe required			, , , , , , , , , , , , , , , , , , , ,
Conductor pipe required	quired		 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;
Conductor pipe required Minimum surface pipe red		_ feet per ALTIII	- File Completion Form ACO-1 within 120 days of spud date;
Conductor pipe required . Minimum surface pipe red Approved by:	quired	_ feet per ALTIII	 File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders;
Conductor pipe required . Minimum surface pipe red Approved by: This authorization expires	quired	_ feet per ALT I II	 File Completion Form ACO-1 within 120 days of spud date; File acreage attribution plat according to field proration orders; Notify appropriate district office 48 hours prior to workover or re-entry;

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

Spud date: _

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:	



SEWARD CO. 3390' FEL

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:					Location o	f Well: County:	
						,	feet from N / S Line of Section
							feet from E / W Line of Section
							S. R
					Is Section:	Regular	or Irregular
					lf Coation	io lunomulou los	cate well from nearest corner boundary.
							NE NW SE SW
			elines and electrica	l lines, as requi	ise or unit bo ired by the Ka	ansas Surface C	ow the predicted locations of Owner Notice Act (House Bill 2032).
			You m	ay attach a sep	arate plat if d	lesired.	
	:	: :		: :	:		
							LEGEND
				•	· · · · · · · · · · · · · · · · · · ·		
	:	: :		: :	:		O Well Location
					:		Tank Battery Location
		•••				• • •	—— Pipeline Location
					:		Electric Line Location
					:		Lease Road Location
		•••					
					:		
					:	E	XAMPLE : :
	•	· ·		· .	<u>.</u>	_	
			34				
	:	: :		: :	:		: : :
							:
	:	: :		:	:		: : :
	• • • • • • • • • • • • • • • • • • • •	<u></u>					1980' FSL
1230 ft		•	I				
1230 ft							;] ;
1230 ft							

NOTE: In all cases locate the spot of the proposed drilling locaton. 1265 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.



Kansas Corporation Commission Oil & Gas Conservation Division

086772

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:		License Number:			
Operator Address:	Operator Address:				
Contact Person:			Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):		
Type of Pit:	Pit is:				
Emergency Pit Burn Pit Settling Pit Drilling Pit	Proposed	Existing	SecTwpR East West		
Settling Pit Drilling Pit Workover Pit Haul-Off Pit	If Existing, date cor	nstructea:	Feet from North / South Line of Section		
(If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section		
		(bbls)	County		
Is the pit located in a Sensitive Ground Water A	rea? Yes I	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?		
, , , , , , , , , , , , , , , , , , , ,	Length (feem ground level to dee	•	Width (feet) N/A: Steel Pits (feet) No Pit		
If the pit is lined give a brief description of the lin material, thickness and installation procedure.		Describe proce	dures for periodic maintenance and determining icluding any special monitoring.		
Distance to nearest water well within one-mile o	f pit:	Depth to shallo Source of inform	west fresh water feet. nation:		
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	ver and Haul-Off Pits ONLY:		
Producing Formation:		Type of materia	l utilized in drilling/workover:		
Number of producing wells on lease:		Number of worl	king pits to be utilized:		
Barrels of fluid produced daily:		Abandonment p	procedure:		
Does the slope from the tank battery allow all sp flow into the pit? Yes No	oilled fluids to	Drill pits must b	e closed within 365 days of spud date.		
Submitted Electronically	·				
	KCC (OFFICE USE O	NLY Steel Pit RFAC RFAS		
Date Received: Permit Number:Permit			t Date: Lease Inspection:		



Kansas Corporation Commission Oil & Gas Conservation Division

1086772

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.

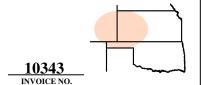
Select the corresponding form being filed: C-1 (Intent) CB-1	(Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
	County:
Address 1:	Lease Name: Well #:
Address 2: City: State: Zip: +	
Contact Person:	If filing a Form T-1 for multiple wells 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 additional 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	
	_



Pro-Stake LLC

Oil Field & Construction Site Staking

P.O. Box 2324 Garden City, Kansas 67846 Office/Fax: (620) 276-6159 Cell: (620) 272-1499



272116H

Herman Loeb, LLC Musselman #4-34

ATOR

LEASE NAME

LOCATION SPOT

Pawnee Co., Ks

34 21s 16w Sec. Twp. Rng.

Main loc. = 1280'FSL-1300'FWL = 1985.6' gr.elev. Alt. #1 = 1265'FSL-1230'FWL = 1985.8' gr. elev.

SCALE: 1" = 1000'

DATE STAKED: Sept. 24th, 2012

MEASURED BY: Ben R.

DRAWN BY: Dee S.

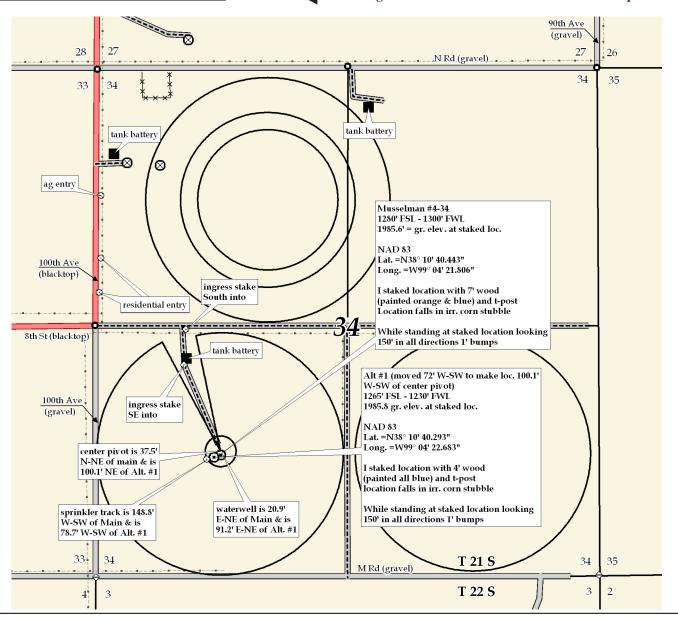
AUTHORIZED BY: Jesse M.

This drawing does not constitute a monumented survey or a land survey plat.

This drawing is for construction purposes only.

Directions: From the North side of Larned, KS, at the intersection of Hwy 56 South & Hwy 156 & Broadway St North – Now go 1.3 miles East & NE on combined Hwy 56 & 156 – Now go 0.4 miles South on 100^{th} Ave to the NW corner of 34-21s-16w – Now go 0.5 mile South on 100^{th} Ave – Now go 0.2 mile East on lease rd to ingress stake South into – Now go 0.1 mile South on lease rd to ingress stake SE into – Now go 0.2 SE on lease rd – Now go approx. 110' S-SE through irr. corn stubble into staked location.

Final ingress must be verified with land owner or Operator.

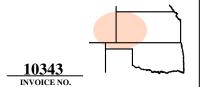




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272116H

Herman Loeb, LLC Musselman #4-34

TOR LEASE NAME

Pawnee Co., Ks
COUNTY
Sec. Twp. Rng.

Main loc. = 1280'FSL-1300'FWL = 1985.6' gr.elev. Alt. #1 = 1265'FSL-1230'FWL = 1985.8' gr. elev.

LOCATION SPOT

SCALE: N/A

DATE STAKED: Sept. 24th, 2012

MEASURED BY: Ben R.

DRAWN BY: Dee S.

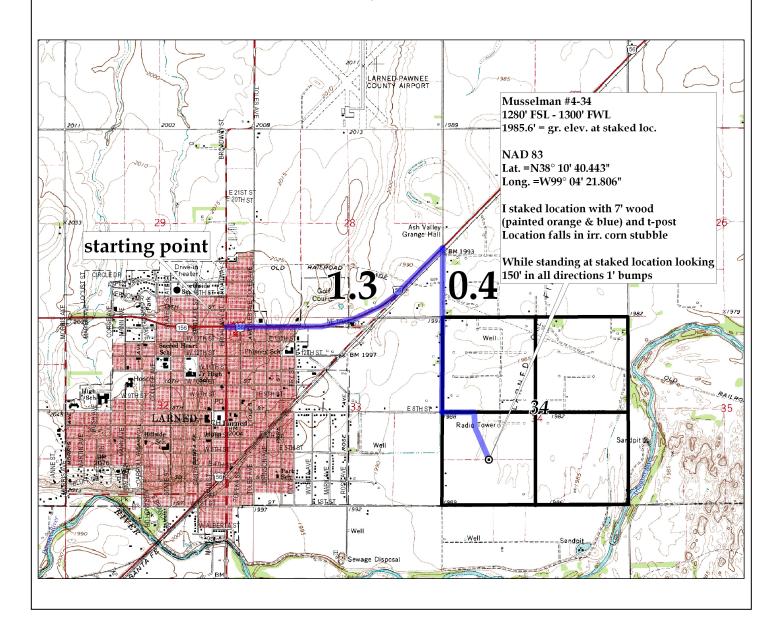
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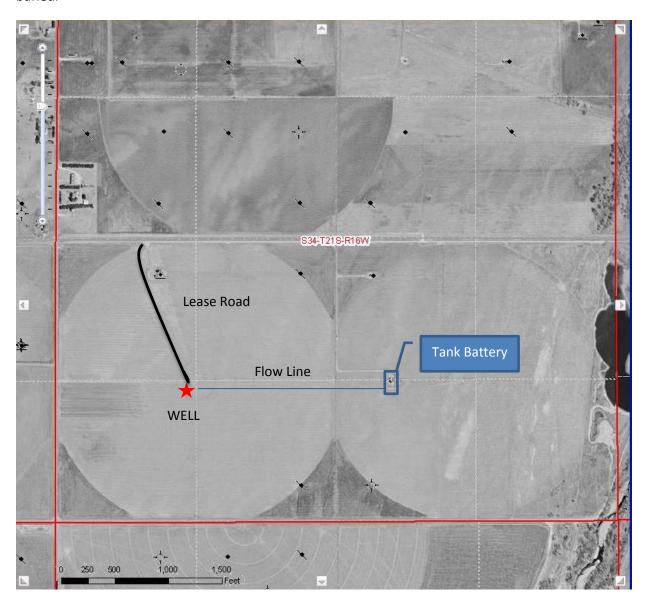
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Final ingress must be verified with land owner or Operator.



MUSSELMAN 4-34 Surface Facilities - Proposed

Use Existing Tank Battery in SE/4 Section 34-21S-16W. Low Profile Pumping Unit (under irrigation). Lease road to be installed on currently wipered portion of crop circle to pivot area. Pipelines to be buried.



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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

October 05, 2012

George Payne / Jesse Middagh HERMAN L. LOEB, LLC PO BOX 838 LAWRENCEVILLE, IL 62439

Re: Drilling Pit Application MUSSELMAN 4-34 SW/4 Sec.34-21S-16W Pawnee County, Kansas

Dear George Payne / Jesse Middagh:

According to the drilling pit application referenced above, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (April 2004), Application for Surface Pit, through KOLAR. This location will have to be inspected prior to approval of the haul-off pit application.

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.

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

82-3-607.



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

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

DISPOSAL OF DIKE AND PIT CONTENTS.

(a)	Each operator shall perform one of the following when disposing of dike or
pit	
(1)	contents: Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
(2)	dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well;
or	
(3)	dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following: (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f); (B) removal and placement of the contents in an on-site disposal area approved by the commission; (C) removal and placement of the contents in an off-site disposal area
on	
lease	acreage owned by the same landowner or to another producing
10400	or unit operated by the same operator, if prior written permission
from	the landowner has been obtained; or

	(D)	removal of the contents to a permitted off-site disposal area
approved		
		by the department.
(b)	Each	violation of this regulation shall be punishable by the following:
(1) A \$1,0	000 penalty for the first violation;
(2	a \$2,5	00 penalty for the second violation; and
(3	a \$5,0	000 penalty and an operator license review for the third violation.

<u>File Haul-Off Pit Application in KOLAR. Review the information below and attach all required documents to the pit application when submitting through KOLAR. This form will automatically generate and fill in from questions asked in KOLAR.</u>

Haul-off pit will be located in an on-site disposal area:YesNo
Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner:YesNo If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.
Haul-off pit is located in an off-site disposal area on another producing lease or unit operated by the same operator:YesNo If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage when the haul-off pit is to be located, to the haul-off pit application.