

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

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

SGA?

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

•	month	day	vear	Spot Description:	
	monur	uay	year	Sec Twp S. R	E \
PERATOR: License#				foot from N / S line	of Section
ame:					of Section
ddress 1:				Is SECTION: Regular Irregular?	
ddress 2:					
City:		•		County:	
Contact Person:				Lease Name: Well #:	
hone:				Field Name:	
CONTRACTOR: License#				Is this a Prorated / Spaced Field?	es No
lame:				Target Formation(s):	
Well Drilled For:	Well Class	. Type F	quipment:	Nearest Lease or unit boundary line (in footage):	
				Ground Surface Elevation:	_feet MS
Oil Enh F		=	lud Rotary ir Rotary		es N
Dispo	~ 		able		es 🔲 N
Seismic ;# o				Depth to bottom of fresh water:	
Other:				Depth to bottom of usable water:	
				Surface Pipe by Alternate: I II	
If OWWO: old well	information as follo	ows:		Length of Surface Pipe Planned to be set:	
Operator:				Length of Conductor Pipe (if any):	
Well Name:				Projected Total Depth:	
Original Completion Da	ate:	Original Total De	epth:	_ Formation at Total Depth:	
				Water Source for Drilling Operations:	
Directional, Deviated or Ho			Yes No	Well Farm Pond Other:	
f Yes, true vertical depth: _				DWR Permit #:	
Bottom Hole Location:				(Note: Apply for Permit with DWR)	
(CC DKT #:				Will Golds be taken:	es N
				If Yes, proposed zone:	
			AF	FIDAVIT	
The undersigned hereby	affirms that the di	rilling, completion		*FIDAVIT lugging of this well will comply with K.S.A. 55 et. seq.	
			on and eventual p		
t is agreed that the follow	ving minimum req	uirements will b	on and eventual poe met:		
	ving minimum req	uirements will b	on and eventual poe met:	lugging of this well will comply with K.S.A. 55 et. seq.	
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Side Two



For KCC Use ONLY	
API # 15	-

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

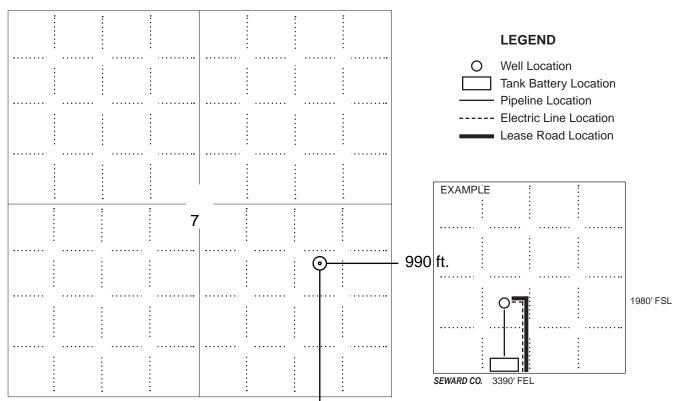
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R
Number of Acres attributable to well:	Is Section: Regular or Irregular
	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 nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032).

You may attach a separate plat if desired.



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

1825 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

254145

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Address:				
ion				
on				
ity				
g/l				
Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover:				
Submitted Electronically				
\S				
No				



Kansas Corporation Commission Oil & Gas Conservation Division

1254145

Form KSONA-1
January 2014
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 East West	
Address 1:	County:	
Address 2:	Lease Name: Well #:	
City:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of	
Contact Person:	the lease below:	
Phone: () Fax: ()		
Email Address:		
Surface Owner Information:		
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional	
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 property tax records of the county treasurer.	
City:		
the KCC with a plat showing the predicted locations of lease roads, tar are preliminary non-binding estimates. The locations may be entered a Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice owner(s) of the land upon which the subject well is or will be 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, I have not provided this information to the surface owner(s). I KCC will be required to send this information to the surface of task, I acknowledge that I must provide the name and address that I am being charged a \$30.00 handling fee, payable to the	acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this as of the surface owner by filling out the top section of this form and KCC, which is enclosed with this form.	
form and the associated Form C-1, Form CB-1, Form T-1, or Form CF	g fee with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned.	
Submitted Electronically		



Southern Star Central Gas Pipeline, Inc. 4700 Hwy 56 P.O. Box 20010 Owensboro, Kentucky 42301 Phone 270/852-5000

June 29, 2015

Sent via E-mail

Kansas Corporation Commission 266 North Main Street, Suite 220 Wichita, KS 67202-1513 Attn: Mr. Rick Hestermann

Re: KLM Exploration Company, Inc. Notice of Intent to Drill Oil Wells, Sec 7, T10S, R20E, Jefferson County, KS

Dear Mr. Hestermann:

Southern Star Central Gas Pipeline, Inc ("Southern Star") is the owner and operator of the McLouth Gas Storage Field in Jefferson and Leavenworth Counties, KS. KLM Exploration Company, Inc. ("KLM") has provided Southern Star notices of Intent to Drill Oil Wells in Section 3, Township 10S, Range 20E, in Jefferson County, Kansas. KLM apparently plans to drill four wells (Seaver #20, Seaver #21, Seaver #22 and Seaver #23) within the boundaries of the McLouth Gas Storage Field. The approximate location of the Seaver #20 is 2,150 feet from the south section line and 990 feet from the east section line; the approximate location of the Seaver #21 is 2,475 feet from the south section line and 990 feet from the east section line; the approximate location of the Seaver #22 is 2,155 feet from the south section line and 330 feet from the east section line; and the approximate location of the Seaver #23 is 2,475 feet from the south section line and 330 feet from the east section line. The projected total depth of both wells is 1,600 feet, with the formation at that depth being the McLouth Sand.

Southern Star submits this letter pursuant to K.A.R. 82-3-311 (d), which permits a natural gas storage field operator to respond to a 30-day notification of an oil operator of their intent to drill through the storage field. The rule permits the storage field operator to recommend the manner, methods and materials be used in drilling and completing wells drilled through the storage field. Southern Star submits the following recommendations:

- 1) KLM shall set surface casing in accordance with Commission requirement;
- 2) KLM shall install, test and maintain blowout prevention valves and related equipment;
- 3) KLM shall employ rotary drilling methods and use drilling mud of sufficient weight and with proper additives to contain the pressure of the storage field (Request the current bottom hole pressure from Southern Star prior to commencing drilling operations);

- 4) KLM shall add an adequate amount of biocide to prevent any contamination by drilling and completion fluids carrying or containing sulfate reducing bacteria and/or acid producing bacteria.
- 5) KLM shall cement all casing strings with cement circulated to the surface;
- 6) KLM shall use all reasonable precautions during drilling operations to protect the McLouth storage reservoir and in the event of any emergency in any way affecting the storage reservoir, KLM shall immediately notify Southern Star and the KCC, and shall utilize all methods and procedures; available to protect the public, fresh water and the McLouth storage reservoir;
- 7) KLM shall notify Southern Star at least one week before drilling commences;
- 8) KLM shall furnish Southern Star a copy of all tests and well logs following completion of the well;
- 9) In the event hole is lost or abandoned and KLM decides to plug and abandon the well, KLM shall clean out the well to total depth drilled and shall plug the well with solid with Class A cement to surface;
- 10) KLM shall provide Southern Star access to the well site at all times during the drilling, completion, operation or plugging of the well and access to all records relating to the drilling, equipping, maintenance, operation, or plugging of the well;
- 11) KLM shall provide Southern Star access to the well to inspect or test the well and review all operational records during the life of the well;
- 12) KLM shall conduct its operations, within the McLouth Gas Storage Field, while gas is stored under these lands, to prevent the escape of gas from and the intrusion of water or other substances into any formation in which gas is so stored;
- 13) KLM shall not commence any manner or form of secondary or tertiary recovery within the McLouth Gas Storage Field; and
- 14) KLM shall not utilize well/formation fracture treatments, water/steam flooding, and/or other well stimulation techniques within the McLouth Gas Storage Field. KLM shall not initiate fractures within the McLouth Storage Reservoir and/or through the overlying or underlying strata.

In summary, Southern Star does not object to KLM's proposed drilling of the Seaver #20, #21, #22 and #23 wells, as long as the above conditions are imposed on KLM. Southern Star reserves its right to comment and be heard in any and all formal proceedings before the KCC related to the proposed wells referenced above.

If you have any questions, please give me a call at 270-852-4554.

Respectfully Submitted,

Tim Meyer

Manager, Storage Services

Copies to:

KLM Energy Solutions, Inc.

Attn: Mr. Jim Goad

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.

I// M Fundameter Communication	lefferon
Operator: KLM Exploration Company, Inc.	Location of Well: County: Jefferson
Lease: Seaver	1825 feet from N / X S Line of Section
Well Number: 23	999 feet from X E / W Line of Section
Field: McLouth South	Sec. 7 Twp. 10 S. R. 20 X E W
Number of Acres attributable to well: QTR/QTR/QTRQTR of acreage: N2 _ SW _ NE _ SE	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW
PLA Show location of the well. Show footage to the nearest leas	
lease roads, tank batteries, pipelines and electrical lines, as requir	
You may attach a sepa	
11777	
	LEGEND
	O Well Location
	Tank Battery Location
	Pipeline Location
/ :/ : \ \ : : :	Electric Line Location
	Lease Road Location
	Louis Nous Location
Y / :	
	EXAMPLE : :
	EXAMPLE
7	1
	990 ft.
	1980' FSL
· · · · · · · · · · · · · · · · · · ·	
	SEWARD CO. 3390' FEL
V	
NOTE: In all cases locate the spot of the proposed drilling loc	pron. j
	1825 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.

Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



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

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

August 03, 2015

Jim Goad KLM Exploration Company, Inc. 600 E LAKE PO BOX 151 MCLOUTH, KS 66054-0151

Re: Drilling Pit Application Seaver 23 SE/4 Sec.07-10S-20E Jefferson County, Kansas

Dear Jim Goad:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 432-2300 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

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) 432-2300.