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:	Spot Description:
, ,	
PERATOR: License#	feet from N / S Line of Section
ame:	feet fromE / W Line of Section
ddress 1:	Is SECTION: Regular Irregular?
olddress 2: State: Zip: +	(Note: Locate well on the Section Plat on reverse side)
contact Person:	County:
hone:	Lease Name: Well #:
	Field Name:
ONTRACTOR: License#	Is this a Prorated / Spaced Field?
ame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
Oil Enh Rec Infield Mud Rotary	Ground Surface Elevation:feet MSI
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile: Yes N
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: III
II OWWO. Old Well Information as follows.	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
irectional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
Yes, true vertical depth:	Well Farm Pond Other:
sottom Hole Location:	DWR Permit #:(Note: Apply for Permit with DWR )
CCC DKT #:	(Note: Apply for Permit with DWR )  Will Cores be taken?  Yes No
	If Yes, proposed zone:
	IDAVIT
he undersigned hereby affirms that the drilling, completion and eventual plu	gging of this well will comply with K.S.A. 55 et. seq.
is agreed that the following minimum requirements will be met:	
<ol> <li>Notify the appropriate district office prior to spudding of well;</li> </ol>	
2. A copy of the approved notice of intent to drill <b>shall be</b> posted on each	
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
<ol> <li>The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the</li> </ol>	by circulating cement to the top; in all cases surface pipe <b>shall be set</b> a underlying formation.
<ul> <li>3. The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the</li> <li>4. If the well is dry hole, an agreement between the operator and the dist</li> <li>5. The appropriate district office will be notified before well is either plugg</li> </ul>	by circulating cement to the top; in all cases surface pipe <b>shall be set</b> e underlying formation.  rict office on plug length and placement is necessary <b>prior to plugging</b> ; ed or production casing is cemented in;
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<ol> <li>The minimum amount of surface pipe as specified below shall be set through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically</li> </ol> For KCC Use ONLY	py circulating cement to the top; in all cases surface pipe shall be set anderlying formation.  rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date.  33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.  Remember to:  - File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;  - 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;  - Notify appropriate district office 48 hours prior to workover or re-entry;

Well will not be drilled or Permit Expired Date: \_

Signature of Operator or Agent:

Side Two

For KCC Use ONLY	
API # 15	

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

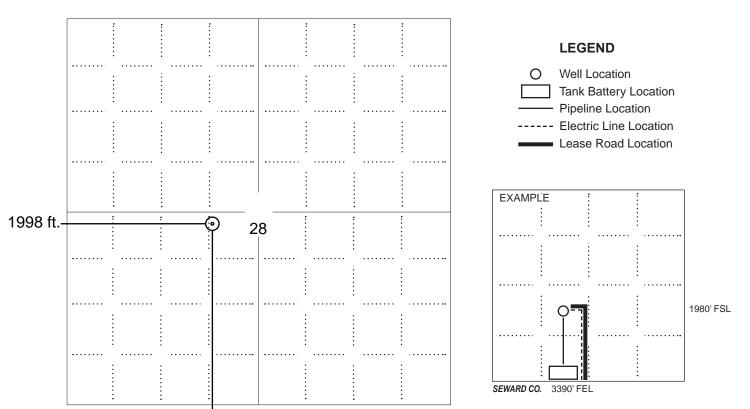
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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 🗌 E 🔲 W
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.

#### 2475 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

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: Pit is:			
Emergency Pit Burn Pit Proposed Ex		Existing	SecTwp R
Settling Pit Drilling Pit	If Existing, date cor	nstructed:	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
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?	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits
Depth fro	m ground level to dee	pest point:	(feet) No Pit
material, thickness and installation procedure.			cluding any special monitoring.
Distance to nearest water well within one-mile of 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 spilled fluids to flow into the pit?		Drill pits must b	e closed within 365 days of spud date.
Submitted Electronically			
	KCC	OFFICE USE O	NLY  Liner Steel Pit RFAC RFAS
Date Received: Permit Numl	ber:	Permi	t Date: Lease Inspection:

## Kansas Corporation Commission Oil & Gas Conservation Division

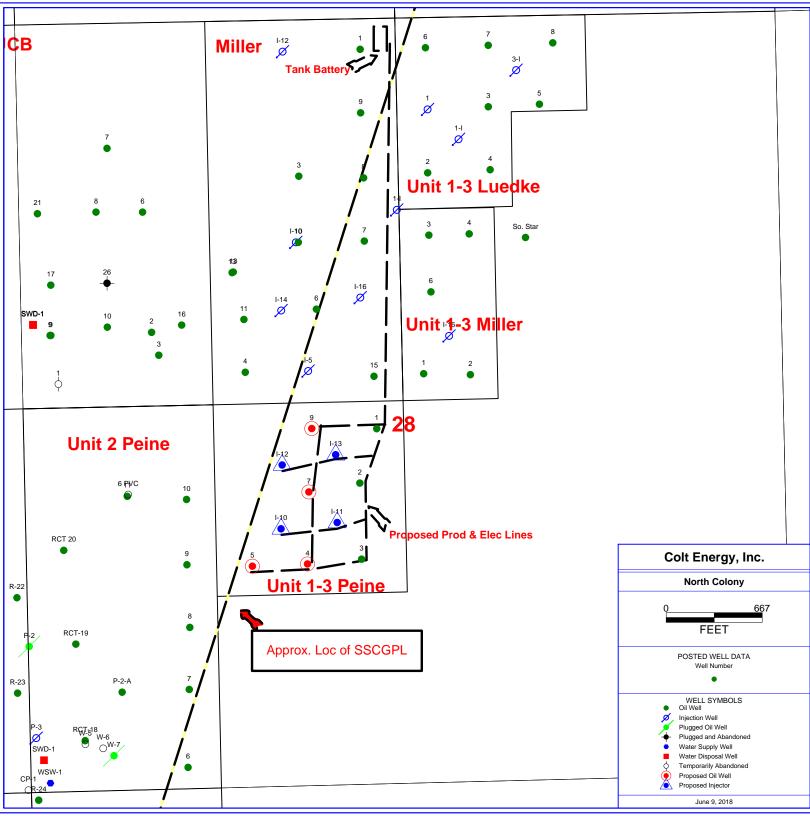
Form KSONA-1
January 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# 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 (C	Eathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East
Address 1:	County:
Address 2:	Lease Name: Well #:
City: State: Zip:+	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: State: Zip:+	
the KCC with a plat showing the predicted locations of lease roads, tank	lic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
owner(s) of the land upon which the subject well is or will be lo	ct (House Bill 2032), I have provided the following to the surface cated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form eing filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.
KCC will be required to send this information to the surface own	eknowledge that, because I have not provided this information, the ner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and CC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling to form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	fee with this form. If the fee is not received with this form, the KSONA-1 will be returned.
Submitted Electronically	



## STATE OF KANSAS

CORPORATION COMMISSION CONSERVATION DIVISION 266 N. MAIN ST., STE. 220 WICHITA, KS 67202-1513



PHONE: 316-337-6200 FAX: 316-337-6211 http://kec.ks.gov/

### GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

June 11, 2018

Deb Ballard Colt Energy Inc PO BOX 388 IOLA, KS 66749-0388

Re: Notice of Intent to Drill 1-3 Peine 9 SW/4 Sec.28-22S-19E Anderson County, Kansas

### Dear Ms. Ballard:

After reviewing your intent to drill, it was noted that the location falls within the boundaries of the Colony gas storage field operated by Southern Star Central Gas Pipeline. Please refer to K.A.R.82-3-311of the KCC rules and regulations, which outlines the procedure to be used for wells to be drilled in underground gas storage areas. Please review this regulation and take the appropriate steps as outlined in the regulation.

I may be contacted at 316-337-6200 if you need additional information.

Rick Hestermann Production Department



KCC WICHITA
JUN 1 3 2018
RECEIVED

June 11, 2018

Mr. Charlie McConnell Manager – Storage Services Southern Star Central Gas Pipeline 4700 Highway 56 Owensboro, KY 42301

Mr. Rick Hestermann Production Department Kansas Corporation Commission Conservation Division (Oil & Gas) 266 N. Main St., Ste. 220 Wichita, KS 67202-1513 <u>VIA CERTIFIED MAIL</u> 9414 8118 9956 0387 2415 90

VIA CERTIFIED MAIL 9414 8118 9956 0387 2751 68

Re: Notice of Intent to Drill in a gas storage field

Dear Mr. McConnell and Mr. Hestermann,

Pursuant to K.S.A. 82-3-311 Colt Energy, Inc. is providing the required **30 day notification** prior to commencement of drilling in a Gas Storage Field. Enclosed with this letter you will find a map with the proposed locations of the 8 wells Colt Energy, Inc. proposes to drill within the boundaries of the Southern Star Colony Gas Storage Field.

Colt Energy, Inc. is planning to drill eight producing oil wells located in Section 28, Township 22 South, Range 19 East in Anderson County, Kansas. Four of these wells are identified for conversion to enhanced recovery wells after a period of initial production. Our primary purpose for drilling is for the further development of the Colony-Welda oilfield with producing oil wells and enhanced recovery wells. These proposed wells will be produced from the Upper Squirrel Sandstone formation which is above the "Colony" gas storage formation and has had enhanced recovery operations for many years on surrounding leases.

It is our understanding that there is a buried gas transmission line near the proposed well locations and a Pressure Recovery System Well located south of the proposed well locations. Colt Energy will be contacting Kansas One Call (1-800-DIG-SAFE) to have any possible lines located prior to drilling in the NE/4 SW/4 of Section 28, Township 22 South, Range 19 East. If any of the proposed locations fall within the transmission line right-of-way we will adjust the location and file an amendment to the well intent. All well locations will be within an area of the NE/4 SW/4 of Section 21.

The anticipated spud and drilling date will be between July 11, 2018 and July 16, 2018 depending on rig availability. Andrew D. King Drilling, License #34953 has been contracted to drill these wells and Colt's personnel are very familiar with this driller.

Drilling intents have been filed with the Kansas Corporation Commission.

Colt Energy, Inc. requests that a confirmation of receipt of this letter be e-mailed to dpbleakley@coltenergy.com

Let me know if you have any questions.

Thank you,

David P. Bleakley

**Executive Vice President** 

Colt Energy, Inc.

913-236-0016 office

913-262-0058 fax

dpbleakley@msn.com

dpbleakley@coltenergyinc.com

JUN 13 2018
RECEIVED



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

June 21, 2018

Sent via E-mail

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

JUN 25 2018

CONSERVATION DIVISION WICHITA, KS

Re: Colt Energy, Inc. Notice of Intent to Drill Oil Wells, Sec 28, T22S, R19E, Anderson County, KS

Dear Mr. Hestermann:

Southern Star Central Gas Pipeline, Inc ("Southern Star") is the owner and operator of the Colony Gas Storage Field in Anderson County, KS. Colt Energy, Inc. ("Colt") has provided Southern Star 30 day notice of Intent to Drill Wells in Section 28, Township 22S, Range 19E, in Anderson County, Kansas, per the attached letter dated June 11, 2018. The projected total depth of the wells is 900 feet, with the formation at that depth being the Verdigris Limestone. The penetrated depth includes the Squirrel sands which Southern Star certificated in a May 2006 FERC order as an expanded component of the Colony Storage Field. Additionally, Southern Star's storage lease grants Southern Star the right to all natural gas above 1,050 feet, which includes the Colony and Squirrel Sandstones.

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 into or 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) Colt shall set surface casing the deeper of: a) below the deepest fresh water zone; or b) in accordance with Commission requirement;
- 2) Colt shall install, test and maintain blowout prevention valves and related equipment in accordance with standard industry practices;
- 3) Colt 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) Colt shall add an adequate amount of biocide to any water, other than city water, used for the makeup of all drilling and completion fluids to prevent contamination of the storage reservoir;
- 5) Colt shall cement all casing strings with cement circulated to the surface;
- 6) Colt shall use all reasonable precautions during drilling operations to protect the Colony Storage reservoir and in the event of any emergency in any way affecting the storage reservoir, Colt shall

immediately notify Southern Star and the KCC, and shall utilize all methods and procedures; available to protect the public, fresh water and the Colony Storage reservoir;

7) Colt shall notify Southern Star at least one week before drilling commences;

8) Colt 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 Colt decides to plug and abandon the well, Colt shall clean out the well to total depth drilled and shall plug the well with solid Class A cement to surface;

10) Colt shall provide Southern Star access to the well site at all times during the drilling, completion, operation and/or plugging of the well and, with reasonable prior notice, access to all records relating to the drilling, equipping, maintenance, operation and/or plugging of the well;

11) Colt shall provide Southern Star, with reasonable prior notice, access to the well to inspect or test the

well and review all operational records during the life of the well;

12) Colt shall conduct its operations within the Colony Gas Storage Field to prevent the unintentional release or escape of gas from any formation in which gas is so stored;

- 13) Southern Star's preference is that fracture treatments are not performed on any of the wells. However, pursuant to discussions with Colt, identification of their standard operations in the area, combined with data provided; Colt shall limit fracture treatments to not exceed the following parameters: 200 barrels of water and 7,500 lbs of sand injected at a maximum rate of 25 barrels/minute.
- 14) As part of new Federal Storage Regulations imposed by the Department of Transportation, the Pipeline and Hazardous Materials Safety Administration ("PHMSA"), Southern Star is required to evaluate the mechanical integrity of each of its active wells, including each third-party well, that penetrates its storage reservoirs. When requested by Southern Star, Colt shall provide copies of all available well information needed for Southern Star to evaluate the mechanical integrity of the wells.

In sum, Southern Star does not object to Colt's proposed drilling of the 8 wells, as long as the above conditions are imposed on Colt. 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,

Charles C. McConnell Manager, Storage Services

Copies to:

Colt Energy, Inc.

Attn: Mr. David Bleakley

Received KANSAS CORPORATION COMMISSION

JUN 25 2018

CONSERVATION DIVISION WICHITA, KS

## STATE OF KANSAS

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



PHONE: 316-337-6200 FAX: 316-337-6211 http://kcc.ks.gov/

## GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

June 25, 2018

Deb Ballard Colt Energy Inc PO BOX 388 IOLA, KS 66749-0388

Re: Drilling Pit Application 1-3 Peine 9 SW/4 Sec.28-22S-19E Anderson County, Kansas

Dear Deb Ballard:

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) 902-6450.

# STATE OF KANSAS

CORPORATION COMMISSION CONSERVATION DIVISION 266 N. MAIN ST., STE. 220 WICHITA, KS 67202-1513



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## GOVERNOR JEFF COLYER, M.D.

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# HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

<b>82-3-607</b> .		DISPOSAL OF DIKE AND PIT CONTENTS.  Each operator shall perform one of the following when disposing of dike or	
pit	'	Each operator shall perform one of the following when disposing of take of	
		contents:	
	(1)	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)	<ul> <li>dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following: <ul> <li>(A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);</li> <li>(B) removal and placement of the contents in an on-site disposal area approved by the commission;</li> <li>(C) removal and placement of the contents in an off-site disposal area</li> </ul> </li> </ul>	
on			
lease		acreage owned by the same landowner or to another producing	
10000		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 \$1,000 penalty for the first violation;	
(2)	a \$2,500 penalty for the second violation; and	
(3)	a \$5,000 penalty and an operator license review for the third violation	١.

<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 <b>producing</b> 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 where the haul-off pit is to be located, to the haul-off pit application.