

Well will not be drilled or Permit Expired Date: _

Signature of Operator or Agent:

For KC	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

OPERATOR: License#		month da	ay year	Spot Description:	
SECTION: Regular Irregular Ref from N / W Line of Suddress 1: Section Ref from E / W Line of Suddress 2: Section: State: Zip: + State: Zip: + Section Ref from E / W Line of Suddress 2: Section: State: Zip: + Section Ref from E / W Line of Suddress 2: Section: State: Zip: + Section Ref from E / W Line of Suddress 2: Section: State: Zip: + Section Ref from E / W Line of Suddress 2: Section: State: Zip: + Section: Section Ref from E / W Line of Suddress 2: Section: S		monui da	iy year	(0/0/0/0)	E\
doises 1: doises 2: doises	PERATOR: License#			feet from N / S L	
Water Locate well on the Section Plat on revense sides	lame:				ine of Section
County:	ddress 1:			Is SECTION: Regular Irregular?	
County - Service					
Lease Name: Well #: Field Name:	ity:	State: 2	Zip: +	•	
Field Name: Well Drillod For: Well Class: Type Equipment: Target Formation(s): Search Class or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Nearest Lease or unit boundary line (in footage): Nearest Lease or unit boundary line (in footage): Target Formation(s): Nearest Lease or unit boundary line (in footage): Nearest Lease of the footage line line line Nearest Lease or unit boundary line (in footage): Nearest Lease or unit boundary line (in footage): Start Policion or line line line Nearest Lease or unit boundary line (in footage): Nearest Lease or unit boundary line (in footage): Nearest Leas					
Target Formation(s): Well Drilled For: Well Class: Type Equipment: Target Formation(s): Nearest Lease or unit boundary line (in footage): Gas Storage Pool Ext. Air Rotary Gas Storage Pool Ext. Air Rotary Guille Seasimic: ### Well Drilled For: ### Well Drilled For: ### Well Contex William Formation as follows: Other: Other:	hone:				
Target Formation(s): Type Equipment: Nearest Lease or unit boundary line (in footage): Secular Computer	ONTRACTOR: License#.			Is this a Prorated / Spaced Field?	Yes N
Ground Surface Elevation: feet Mud Rotary Water well within one-quarter mile: water water: Season: water: water: Season: water: water: Season: water: wat	lame:			Target Formation(s):	
Ground Surface Elevation: feet Mud Rotary Mark Rotary Water well within one-quarter mile: water water: Mark Rotary Water well within one-quarter mile: water water: Mark Rotary Water water: Depth to bottom of usable water: Depth to Bott	Well Drilled For:	Wall Class:	Type Fauinment:		
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Cable Disposal Wildcat Cable Disposal Wildcat Cable Disposal Wildcat Cable Disposal Wildcat Cable Depth to bottom of usable water: Depth to bottom of usable water: Depth to bottom of usable water: Surface Pipe by Alternate: I II Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Depth to bottom of usable water: Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Depth to bottom of usable water: Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Directional, Deviated or Horizontal wellbore? Yes No Water Source for Drilling Operations: Water Source for Drilling Operations: DWR Permit #: Well Farm Pond Other: DWR Permit #: (Note: Apply for Permit with DWR) Will Cores be taken? Wes Will Cores be taken? Wes		=	= '	_	
Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of leaf of the property Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of fresh water: Depth to bottom of usable water: Depth to bottom of fresh water: Depth to bottom of fresh water: Depth to bottom of fresh vater: Depth to bottom of fresh vater: Depth to bottom of fresh vater: Depth to bottom of usable water: Depth to bottom of fresh vater: Depth to bottom of usable water: Depth to bottom of usab		° =			Yes N
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Surface Pipe by Alternate:					
Length of Surface Pipe Planned to be set: Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth: Formation at Total Depth: Formation at Total Depth: Formation at Total Depth: Water Source for Drilling Operations: Well Farm Pond Other: Well Farm Pond O					
Length of Conductor Pipe (if any):	If OWWO: old well	information as follows:			
Well Name: Original Completion Date: Original Total Depth: Original Completion Date: Original Total Depth:	Operator:				
Original Completion Date:Original Total Depth:	•				
Water Source for Drilling Operations: Water Surce As Parm On					
Well Farm Pond Other:	g	<u></u> g			
Vest true vertical depth:	Directional, Deviated or Ho	rizontal wellbore?	Yes No		
(Note: Apply for Permit with DWR) Yes	f Yes, true vertical depth: $_$				
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. to 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. Approved by: This authorization expires: This authorization expires: September to: File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill; File Completion Form ACC-1 within 120 days of spud date; File acreage attribution plate according to field proration orders; Notify appropriate district office with hours prior to workover or re-entry; Submit plugging report (CP-4) after plugging is completed (within 60 days); Other propriete described for the defendance of the text of the form discovery are reintering one with the form of the properties of the form of the properties of the form of the proof to workover or re-entry; Submit plugging report (CP-4) after				- (Note: Apply for Permit with DWR)	
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File Completion Form ACO-1 within 120 days of spud date; Approved by: This authorization expires: 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; Submit plugging report (CP-4) after plugging is completed (within 60 days);	2. A copy of the approsence of the control of the	unt of surface pipe as solidated materials plus alle, an agreement betweetrict office will be notifice to COMPLETION, produendix "B" - Eastern Kar within 30 days of the solically	a minimum of 20 feet into the disen the operator and the disen the operator and the dised before well is either pluguction pipe shall be cement has surface casing order #spud date or the well shall be	strict office on plug length and placement is necessary <i>prior to plugg</i> gged or production casing is cemented in; ed from below any usable water to surface within <i>120 DAYS</i> of spud of \$133,891-C, which applies to the KCC District 3 area, alternate II cemple plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing the plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing the prior to any cem	ning; late. enting ng.
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- If well will not be drilled or permit has expired (See: authorized expiration date	2. A copy of the appro 3. The minimum amouthrough all unconso 4. If the well is dry ho 5. The appropriate dis 6. If an ALTERNATE I Or pursuant to Approved by: Conductor pipe required Minimum surface pipe rec Approved by: This authorization expires	unt of surface pipe as solidated materials plus a le, an agreement betwee strict office will be notifice I COMPLETION, producendix "B" - Eastern Kar within 30 days of the solically	a minimum of 20 feet into the en the operator and the disenthe operator and the dised before well is either pluguction pipe shall be cement as surface casing order found date or the well shall be the control of the well shall be th	strict office on plug length and placement is necessary <i>prior to plugg</i> gged or production casing is cemented in; ged from below any usable water to surface within <i>120 DAYS</i> of spud of the first specific spec	ling; late. enting ng. ification
Spud date: Agent: please check the box below and return to the address below.	2. A copy of the appro 3. The minimum amouthrough all unconso 4. If the well is dry ho 5. The appropriate dis 6. If an ALTERNATE I Or pursuant to Approved by: Conductor pipe required Minimum surface pipe received authorization expires	unt of surface pipe as solidated materials plus a le, an agreement betwee strict office will be notifice I COMPLETION, producendix "B" - Eastern Kar within 30 days of the solically	a minimum of 20 feet into the en the operator and the disenthe operator and the dised before well is either pluguction pipe shall be cement as surface casing order found date or the well shall be the control of the well shall be th	strict office on plug length and placement is necessary <i>prior to plugg</i> gged or production casing is cemented in; ged from below any usable water to surface within <i>120 DAYS</i> of spud of the transport of the tr	late. enting ng. iffication y; days);

Side Two



For KCC Use ONLY	
API # 15	

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

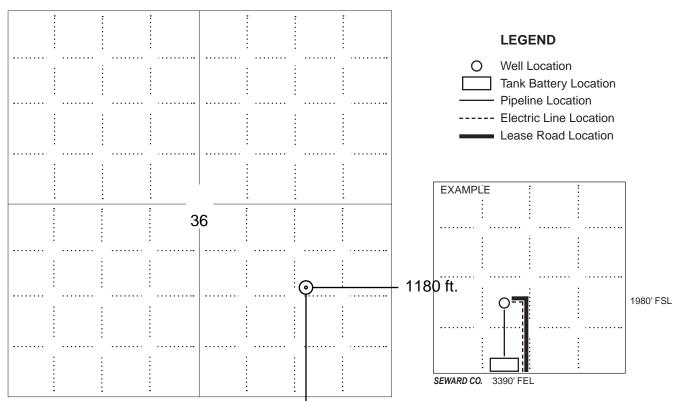
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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.

1495 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

1223512

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		Existing	SecTwp R	
Settling Pit Drilling Pit If Existing, date con Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) Pit capacity:		nstructed:	Feet from North / South Line of Section	
		(bbls)	Feet from East / West Line of SectionCounty	
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? Yes No		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	epest point:	(feet) No Pit	
If the pit is lined give a brief description of the lir material, thickness and installation procedure.			dures for periodic maintenance and determining cluding 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 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 Numb	per:	Permi	t Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1223512

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)

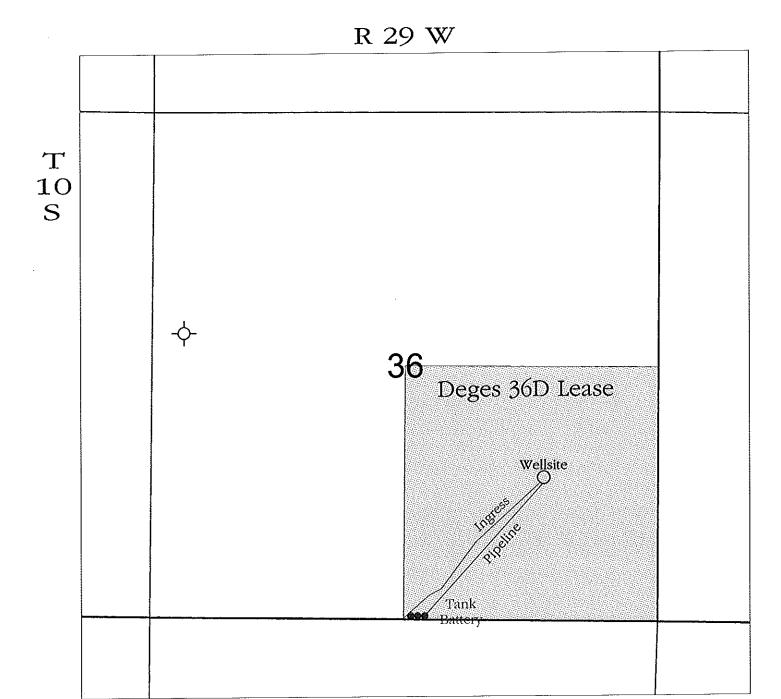
OPERATOR: License #	Well Location:		
Name:			
Address 1:	County:		
Address 2:	Lease Name: Well #:		
City:	the lease below:		
Contact Person:			
Phone: () Fax: () Email Address:			
Surface Owner Information:			
Name:			
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the		
Address 2:	county, and in the real estate property tax records of the county treasurer.		
City:			
	nk batteries, pipelines, and electrical lines. The locations shown on the plat on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.		
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,			
KCC will be required to send this information to the surface of	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.		
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 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			
I			

#1 Deges 36D Surface Ownership:

1/3: Eileen Deges Curl and Donald Curl 2110 Brewton Cir. Beaumont, TX 77706

1/3: Wanda Thummel and Ralph Thummel 1403 Tallgrass Dr. Hays, KS 67601

1/3: Deges Living Trust: Virgil L. Deges and Gertrude Deges
PO Box 25
Damar, KS 67632



SCALE = 1:12,000 SHERIDAN COUNTY, KANSAS

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

October 30, 2014

Justin Clegg Ritchie Exploration, Inc. 8100 E 22ND ST N # 700 BOX 783188 WICHITA, KS 67278-3188

Re: Drilling Pit Application Deges 36D 1 SE/4 Sec.36-10S-29W Sheridan County, Kansas

Dear Justin Clegg:

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 within 72 hours of completion of drilling operations.

KEEP PITS away from draw/drainage.

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 (785) 625-0550 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 (785) 625-0550.