

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:

For KC	C 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

	e (5) days prior to commencing well s Surface Owner Notification Act, MUST be submitted with this form.
Expected Spud Date:	Spot Description:
month day year	
	(Q/Q/Q/Q) section N / S Line of Section
OPERATOR: License#	feet from E / W Line of Section
Name:	Is SECTION: Regular Irregular?
Address 1:	
Address 2: State: Zip: +	(Note: Locate well on the Section Plat on reverse side)
Contact Person:	County
Phone:	Lease Name: Well #:
CONTRACTOR: Lineary	Field Name:
CONTRACTOR: License#	is the different operation.
Name:	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 MSL
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Disposal Wildcat Cable	Public water supply well within one mile: Yes No
Seismic ;# of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
	Surface Pipe by Alternate: II III
If 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:	
Onga. Comp.c.c 240.	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
If Yes, true vertical depth:	
Bottom Hole Location:	(Note: Apply for Permit with DWR)
KCC DKT #:	
	If Yes, proposed zone:
	FIDAVIT
The undersigned hereby affirms that the drilling, completion and eventual pl	ugging of this well will comply with K.S.A. 55 et. seq.
It is agreed that the following minimum requirements will be met:	
1. Notify the appropriate district office <i>prior</i> to spudding of well;	
2. A copy of the approved notice of intent to drill shall be posted on each	h drilling rig;
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	
, , ,	strict office on plug length and placement is necessary <i>prior to plugging</i> ;
5. The appropriate district office will be notified before well is either plug	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
	e plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.
, , , ,	
Submitted Electronically	
districted Electronically	
For KCC Use ONLY	Remember to:
	- File Certification of Compliance with the Kansas Surface Owner Notification
API # 15	Act (KSONA-1) with Intent to Drill;
Conductor pipe requiredfeet	- File Drill Pit Application (form CDP-1) with Intent to Drill;
Minimum surface pipe required feet per ALT.	 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;
Approved by:	- Submit plugging report (CP-4) after plugging is completed (within 60 days);
This authorization expires:	- Obtain written approval before disposing or injecting salt water.
(This authorization void if drilling not started within 12 months of approval date.)	If well will not be drilled as permit bee expired (See: authorized expiration data)

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

Spud date: _

Side Two



For KCC Use ONLY	
API # 15	_

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

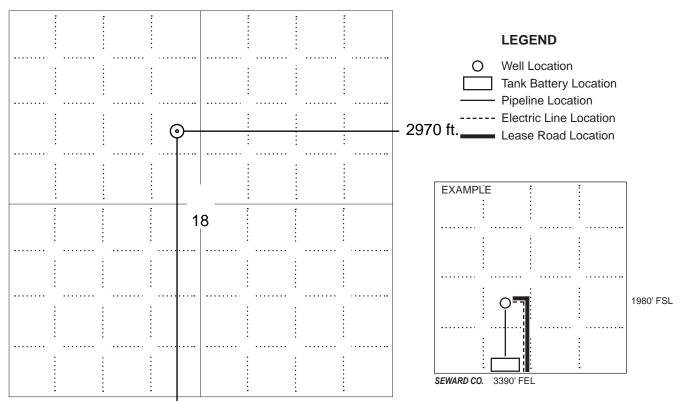
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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.

3630 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

1054900

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 Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) Is the pit located in a Sensitive Ground Water A		Existing nstructed: (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty Chloride concentration: mg/l(For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner? Yes N	No	How is the pit lined if a plastic liner is not used?	
	Length (fee		Width (feet)	
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		dures for periodic maintenance and determining any special monitoring.	
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:	
feet Depth of water well	feet	measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:	
Producing Formation:		Type of materia	al utilized in drilling/workover:	
Number of producing wells on lease:		Number of working pits to be utilized:		
Barrels of fluid produced daily:		Abandonment	procedure:	
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	·	be closed within 365 days of spud date.	
Submitted Electronically	- · · ·			
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS	
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No	



Kansas Corporation Commission Oil & Gas Conservation Division

1054900

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 (C	Cathodic Protection Borehole Intent)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R
Address 1:	County: Lease Name: Well #: If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below: 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. CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and se roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
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:	
Address 1:	
Address 2:	
City: State: Zip:+	
the KCC with a plat showing the predicted locations of lease roads, tank	batteries, pipelines, and electrical lines. The locations shown on the plat
I certify that, pursuant to the Kansas Surface Owner Notice Adowner(s) of the land upon which the subject well is or will be lo CP-1 that I am filing in connection with this form; 2) if the form b form; and 3) my operator name, address, phone number, fax, are	ocated: 1) a copy of the Form C-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
KCC will be required to send this information to the surface ow	ner(s). To mitigate the additional cost of the KCC performing this fee, 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	fee with this form. If the fee is not received with this form, the KSONA-1 1 will be returned.
Submitted Electronically	

STATE OF KANSAS STATE CORPORATION COMMISSION

Give All Information Completely Make Required Affidavit Mail or Deliver Report to

WELL PLUGGING RECORD

Make Required Affidavit		aham	Coun	ty. Sec.	18 Twp.	Rge. 21	XE /W
Mail or Deliver Report to	Locatio	on as "NE/	CNW}SW}'	or foota	ge from 1:	lnes	
Conservation Division		ME 21	NW				-
245 North Water				illing Com			
				FT			
			250 N.	Water, Su	ite 300; T	Vichita, KS (57202
	Charact	er of wel	0il	eted as O	il, Gas o	_	
							-
18				approven	-		
	Pluggin	ng complet	ed			8/23	
	Reason	for aband	onment c	of well or	producing	g formation	
	T.C	-,		uneconomi	cal		
	II a pi	oducing w	ell is a	ibandoned,	date of .		
	Was per	mission o	btained	from the	Conservat	ion Division	19/2
	its age	ents befor	e pluggi	ng was con	mmenced?	ves	O1
Name of Conservation Agent wh	o supervised	plugging	of this	well Ca	rl Goodrov	J	
Producing formation Arbuck	le Dep	oth to top	3830 Bc	ottom TD	Total Dep	oth of Well38	336'
show depth and thickness of a	ll water, oil	and gas	formatio	ons.			
OIL, GAS OR WATER RECORDS							
		Tanou	1		1	1	
PONSTION	CONTENT	. FROM	10				
					3033		
Mixed and pumped do followed by ll sx.	wn 5½" casing gel. Release	: 50 sx. o	lpumped	30 sx. ce	ment at 1	200# max.	
			32 0		250 Hicki	preser.	

							-
							-
(If additional				BACK of	this shee	t)	Carrier Head
STATE OF Kansas	COUN	TY OF	Sedgwick			ss.	
P. T. Canaday, Jr.	Engineer		(emplo	yee of owr	ner) or (c	wner or open	cato.
of the above-described well, h	Application for plugging approved plugging completed plugging was commenced? yes correction Agent who supervised plugging of this well carl Goodrow or its agents before plugging was commenced? yes correction Arbuckle Pepth to top 9830/Rottom TD Total Depth of Well3836 and thickness of all water, oil and gas formations. OR WATER RECORDS PASTION DOWNENT FROM TO SIZE PUT IN PULLED OUT Set to feet for each plug sat. Signal and numped down 5½" casing: 50 sx. cement w/2 sx. gel and 3 sx. hulls. collowed by 11 sx. gel. Released plug and pumped 30 sx. cement at 12009 max. ress. Fumped 20 sx. cement down 8 5/8" and 5½" annulus at 1509 max. press. (If additional description is necessary, use BACK of this sheet) Girl additional description is necessary, use BACK of this sheet) (If additional description is necessary, use BACK of this sheet) Girl additional description is necessary, use BACK of this sheet) (If additional description is necessary, use BACK of this sheet) Girl additional description of the shove-described well down the same are true and correct. So help me God. (Signature) By: County Of Sedgwick Statements, and matters herein contained and the log of the above-described well down the same are true and correct. So help me God. (Signature) By: County Of Sedgwick Statements, and matters herein contained and the log of the above-described well down the same are true and correct. So help me God. (Signature) By: County Of Sedgwick Statements, and matters herein contained and the log of the above-described well down the same are true and correct. So hel						
as filed and that the same are	tters herein e true and co	contained rrect. So	and the help m	log of the God.	ne above-d	lescribed wel	.1
	(Sig	nature) R	. //	1//		2	1
			-	ter, Suite	: 300; Wic	hita, KS 672	02
SUBSCRIBEDPAND FSWORT OF NOTANY FUELD STATE OF NAMES OF THE PERMISSION OF THE PERMIS	pefore me thi	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2	(/	ddress)	7	31
Execute the second seco	(0.5		Kerra	n Redingto	Je Cler	tary Public	•
My commission expires2/6/	/86	ofysiological transport patricipal communications	/				Shida
					,		andres (COS)

SEP 1 ?

Picars saids

WELL LOG DUREAU—WANSAS GEOLOGICAL & DOLETY 508 East Murdock, Wichita, Kansas

Company- R. W. SHIELDS OIL CO. Farm- Forgy No. 3

SEC. 18 T. 9 R. 21W

API #15-065-01416

Total Depth. 3836

Comm. 6-16-51

Comp.

6-25-51

Shot or Treated.

Contractor. Glonn W. Poel

Issued.

6-7-52

CASING:

8 5/8" 174' cem. 5 1/2" 3833' cem. County Graham

KANSAS

Elevation. 2317

Production. 397 bbls.

Figures Indicate Bottom of Formations.

surface clay & sand	110
shalo	174
shale & shells	630
shale	1000
sand	1200
sand & shale	1510
shale & shells	1805
anhyd.	1845
shalo & shells	2290
shale w/lime strks	2500
shalo & line	2640
lime	2965
limo & shale	3475
lime	3830
arb.	3836
Total Dopth	
Tops: Scout	
Hecbnor	3486
Lansing	3529
Arbuckle	3827
III OUCKTO	0061

. W. SHIEL	DS	<u>#</u>	3 FORGY	18-9-21 NE SE N	
ontrGLENN	PEEL DR:L	LING COMP	AN:	GRAHAM	Cou
2317	ım	Comp.	8-10-51	P 397 BOPD	a
Tops	Depth	Datum	Casing		
HEEB	3486	-1169	8" 174 5" 3832	SWB 10 BOPH	
	7400				
LANS	3529	-1212			
ARB	3830	-1513			
			MOREL POOL		
T.D.	3836	-1519			
INDEPENDE	NT OIL & GAS				

