

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

Signature of Operator or Agent:

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

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1084680

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:
monun day year	Sec Twp S. R E \
DPERATOR: License#	feet from N / S Line of Section
lame:	feet from E / W Line of Section
ddress 1:	Is SECTION: Regular Irregular?
ddress 2:	(Note: Locate well on the Section Plat on reverse side)
ity: State: Zip: +	County:
contact Person:	Lease Name: Well #:
hone:	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):
	Ground Surface Elevation:feet MS
Oil Enh Rec Infield Mud Rotary  Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable	Public water supply well within one mile:
Seismic ; # of Holes Other	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 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:
	Water Source for Drilling Operations:
or tirectional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
Sottom Hole Location:	( <b>Note:</b> Apply for Permit with DWR)
CCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
ΔΕ	FIDAVIT
	gaing of this well will comply with K.S.A. 55 et. seg.
he undersigned hereby affirms that the drilling, completion and eventual plu	agging of this well will comply with K.S.A. 55 et. seq.
The undersigned hereby affirms that the drilling, completion and eventual plut is agreed that the following minimum requirements will be met:	agging of this well will comply with K.S.A. 55 et. seq.
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Side Two



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 of Well: County:
ease:	feet from N / S Line of Section
Vell Number:	feet from E / W Line of Section
ield:	Sec Twp S. R
lumber 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
Show location of the well. Show footage to the nearest lease roads, tank batteries, pipelines and electrical lines, as re	PLAT I lease or unit boundary line. Show the predicted locations of equired by the Kansas Surface Owner Notice Act (House Bill 2032). Separate plat if desired. 200 ft.
	200 π.
	LEGEND
	O Well Location Tank Battery Location Pipeline Location Electric Line Location Lease Road Location
	EXAMPLE : :
10	
	1980' FSL

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

### 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

084680

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  Workover Pit  Haul-Off Pit  (If WP Supply API No. or Year Drilled)	Pit is:  Proposed  If Existing, date continued in the continue	Existing nstructed: (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l  (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner?	No	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	om ground level to dee	epest point:	(feet) No Pit
Distance to nearest water well within one-mile of	of nit-	Donth to challe	west fresh waterfeet.
Distance to nearest water well within one-fille t	л рп.	Source of inform	nation:
feet Depth of water well	feet	measured	well owner electric log KDWR
		e closed within 365 days of spud date.	
Submitted Electronically			
KCC OFFICE USE ONLY  Liner Steel Pit RFAC RFAS			
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No



### Kansas Corporation Commission Oil & Gas Conservation Division

1084680

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 (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: 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 addition		
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, tank	dic Protection Borehole Intent), you must supply the surface owners and k batteries, pipelines, and electrical lines. The locations shown on the plat n 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 A owner(s) of the land upon which the subject well is or will be to CP-1 that I am filing in connection with this form; 2) if the form to form; and 3) my operator name, address, phone number, fax, at ☐ I have not provided this information to the surface owner(s). I at KCC will be required to send this information to the surface owner(s).	cknowledge that, because I have not provided this information, the vner(s). To mitigate the additional cost of the KCC performing this		
task, I acknowledge that I am being charged a \$30.00 handling  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		
Submitted Electronically			

# NOI APPLICATION: Donovan 1-10H

### **LEASE INFORMATION**

**COUNTY**: Barber

**LESSOR**: James R. Donovan Trust **LESSEE**: Cheyenne Exploration LLC

**LEASE DATE:** 9/27/11

#### **RECORDING INFORMATION:**

### **LEGAL DESCRIPTION:**

T34S R13W SEC 3: S/2 SE/4 SEC 10: ALL

SEC 11: ALL EXCEPT NE/4 NE/4

SHL: 200' FNL 660' FEL/NE NE

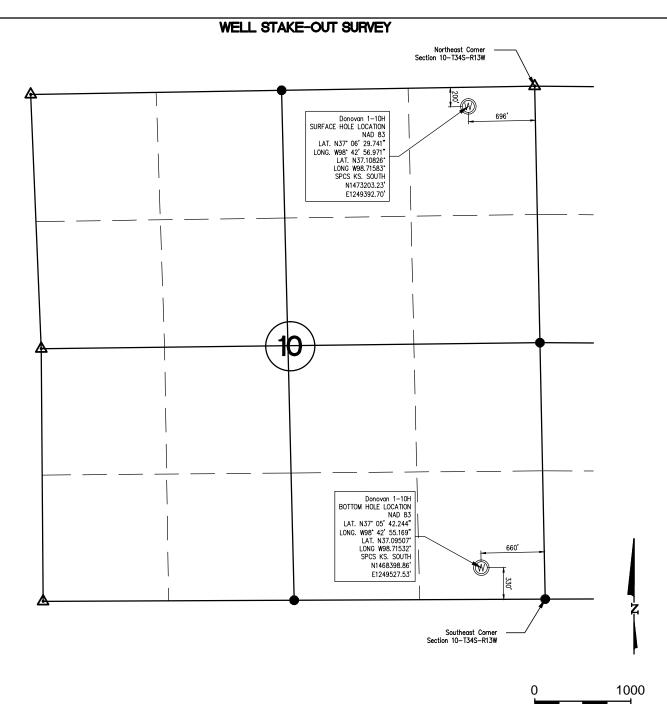
**T34S R13W SEC 10** 

BHL: 330' FSL 660' FEL

T34S R13W SEC 10

# **UNITIZED LEASES:**

NONE



Lease Name: Donovan Well No. 1-10H

Surface El. at SHL stake: 1648 NAVD88 Well location Co./State: Barber Co. Kansas Well location Section: 10-T34S-R13W

Alternate Datums

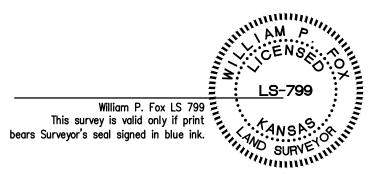
Horz. Datum NAD27 Donovan #1-10H Lat. N37.108236° Long. W98.715458°

SURVEY DATUMS (shown on drawing) Horz. Datum NAD83(CORS96) Vert. Datum NAVD88(GEOID09) Ks. SPCS South Zone (US Feet)

State of Kansas

)SS Sedgwick County )

This is to certify that this map or plat and the survey on which it is based was made by me or under my direct supervision and that to the best of knowledge and belief, this is a true and correct exhibit of said Survey. The wells shown hereon were staked June 6, 2012 at the coordinate location noted.

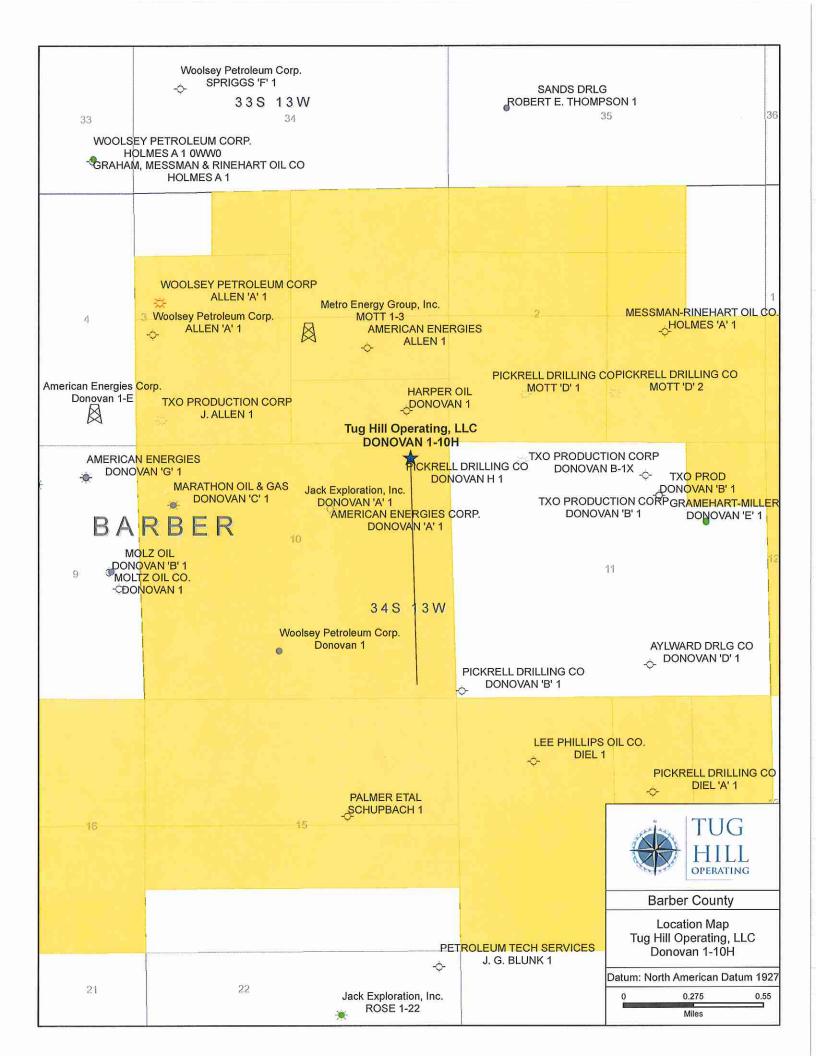




POE & ASSOCIATES, INC. CONSULTING ENGINEERS 5940 E. Central, Suite 200 @Wichita, KS 67208-4242 Phone 316/685-4114 @ FAX 316/685-4444

SCALE IN FEET

Contractor/Rig: Patterson-UTI 421 Well Name: Donovan 1-10H State: KS **County: Barber Proposed** Township: 34S SHL: 200 FNL & 696 FEL **GL Elev:** KB: **KB Elev:** BHL: 330 FSL & 660 FEL AFE: **Permit Number: Tubular Details** 20" Conductor 17-1/2" @ 80' 20" 9 5/8" 7" 4-1/2" 15.10 lb/ Weight 94 lb/ft 36 lb/ft 26 lb/ft J-55 P-110 Grade X-42 N-80 9 5/8" Surface Casing 12-1/4" 9960 psi @ 800' Burst 3590 psi 3520 psi 10480 psi 6230 psi NA Collapse 2020 psi 11080 psi Wall Thickness 0.438" 0.352" 0.337" 0.724" HOLE SIZE ID 19.124" 8.921" 6.276" 3.826" 80' 5175' Setting Depth 800' 10000' 8-1/2" **Cement Details** Est. Vol Interval Company **Excess** Surface Intermediate Production Est. TOC @ 3200' Lead Production Tail See attachments for slurry details **KOP** 8-1/2" 4276' 7" Intermediate Casing @5175' **EOB** TD at 10000' MD 4 1/2" Production Liner 4 ½"Liner Top @ 4799



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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

June 29, 2012

Winnie Scott Tug Hill Operating, LLC 550 BAILEY AVE, STE 510 FT. WORTH, TX 76107

Re: Drilling Pit Application Donovan 1-10H NE/4 Sec.10-34S-13W Barber County, Kansas

### Dear Winnie Scott:

District staff has inspected the location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined. If a plastic liner is to be used it must have a minimum thickness of 20 mil. Integrity of the liner must be maintained at all times.

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 are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 96 hours after drilling operations have ceased. The fluids should be taken to an authorized disposal well. The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 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) 225-8888.