



1089339

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: _____

Lease: _____

Well Number: _____

Field: _____

Number of Acres attributable to well: _____

QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

Location of Well: County: _____

_____ feet from N / S Line of Section

_____ feet from E / W Line of Section

Sec. _____ Twp. _____ S. R. _____ E W

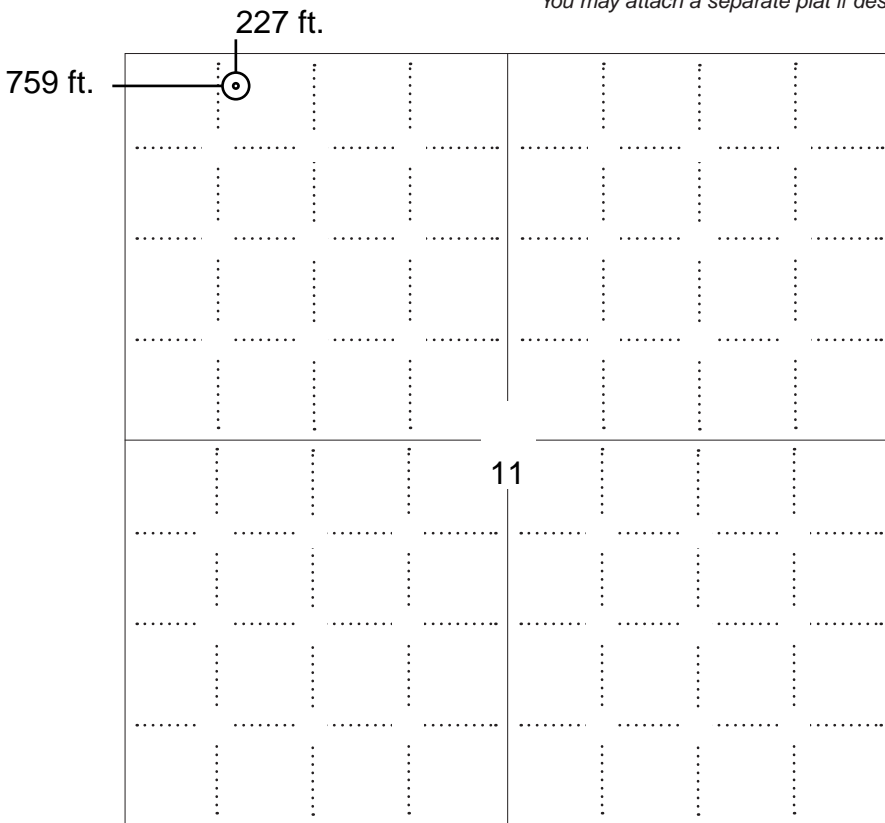
Is Section: Regular or Irregular

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.



LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



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.



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: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
<h2>Submitted Electronically</h2>			

KCC OFFICE USE ONLY

Liner Steel Pit RFAC RFAS

Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: Yes No



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 # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

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.

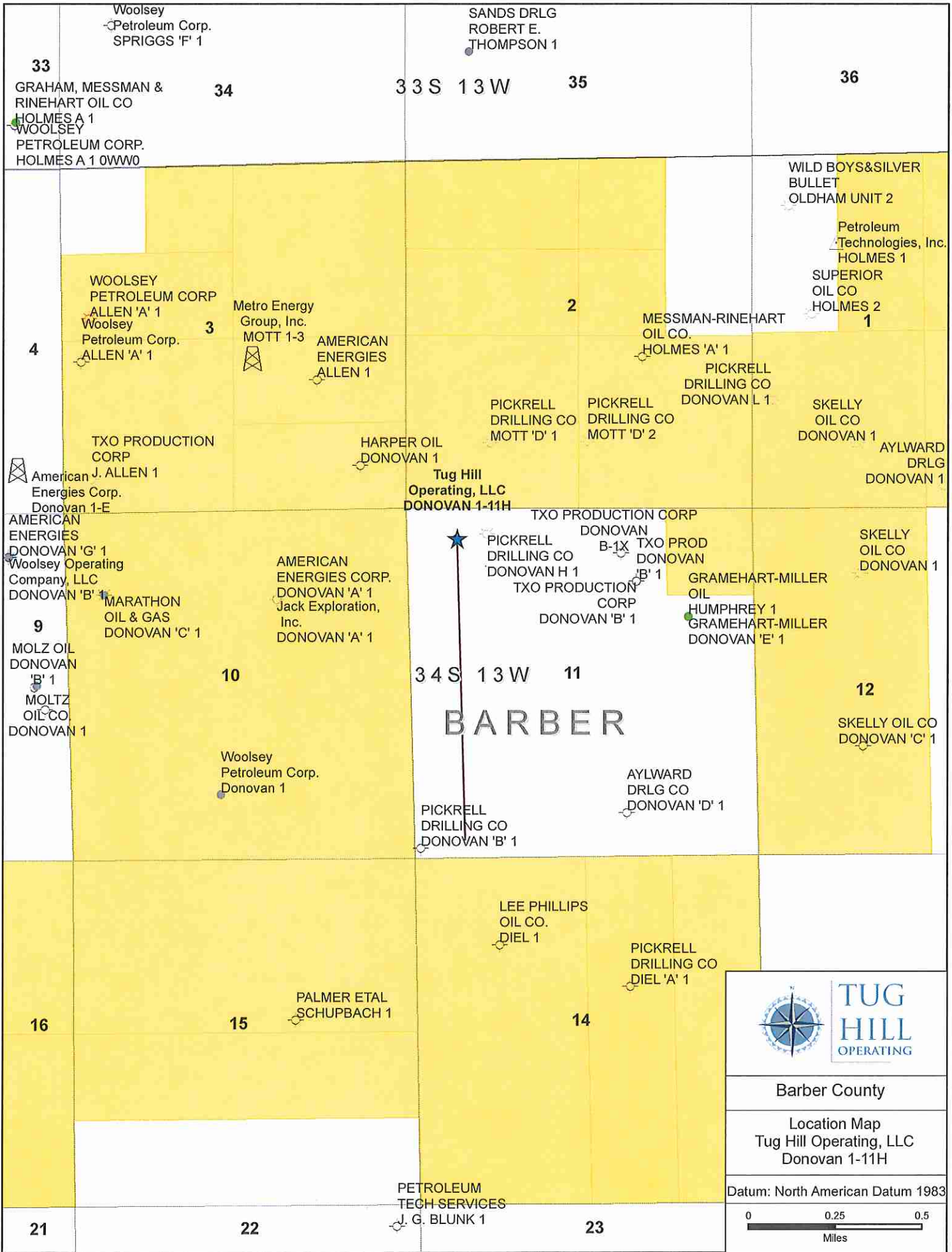
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.


Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically





Barber County

Location Map
Tug Hill Operating, LLC
Donovan 1-11H

Datum: North American Datum 1983

0 0.25 0.5
Miles

SANDS DRLG
ROBERT E.
THOMPSON 1

Woolsey
Petroleum Corp.
SPRIGGS 'F' 1

33
GRAHAM, MESSMAN &
RINEHART OIL CO
HOLMES A 1
WOOLSEY
PETROLEUM CORP.
HOLMES A 1 0WWW

33 S 13 W 35

36
WILD BOYS&SILVER
BULLET
OLDHAM UNIT 2
Petroleum
Technologies, Inc.
HOLMES 1
SUPERIOR
OIL CO
HOLMES 2
1

4
WOOLSEY
PETROLEUM CORP
ALLEN 'A' 1
Woolsey
Petroleum Corp.
ALLEN 'A' 1

3
Metro Energy
Group, Inc.
MOTT 1-3
AMERICAN
ENERGIES
ALLEN 1

2
MESSMAN-RINEHART
OIL CO.
HOLMES 'A' 1
PICKRELL
DRILLING CO
DONOVAN L 1
SKELLY
OIL CO
DONOVAN 1
AYLWARD
DRLG
DONOVAN 1

American
Energies Corp.
Donovan 1-E
TXO PRODUCTION
CORP
J. ALLEN 1

HARPER OIL
DONOVAN 1
Tug Hill
Operating, LLC
DONOVAN 1-11H

PICKRELL
DRILLING CO
MOTT 'D' 1
PICKRELL
DRILLING CO
MOTT 'D' 2

AMERICAN
ENERGIES
DONOVAN 'G' 1
Woolsey Operating
Company, LLC
DONOVAN 'B' 1
9
MOLZ OIL
DONOVAN
'B' 1
MOLTZ
OIL CO.
DONOVAN 1

AMERICAN
ENERGIES CORP.
DONOVAN 'A' 1
Jack Exploration,
Inc.
DONOVAN 'A' 1

TXO PRODUCTION CORP
DONOVAN
DONOVAN
B-1X TXO PROD
DONOVAN
'B' 1
GRAMEHART-MILLER
OIL
HUMPHREY 1
GRAMEHART-MILLER
DONOVAN 'E' 1
SKELLY
OIL CO
DONOVAN 1

34 S 13 W 11

BARBER

10
MARATHON
OIL & GAS
DONOVAN 'C' 1
Woolsey
Petroleum Corp.
Donovan 1

PICKRELL
DRILLING CO
DONOVAN H 1
TXO PRODUCTION
CORP
DONOVAN 'B' 1
PICKRELL
DRILLING CO
DONOVAN 'B' 1

12
SKELLY OIL CO
DONOVAN 'C' 1
AYLWARD
DRLG CO
DONOVAN 'D' 1

16

LEE PHILLIPS
OIL CO.
DIEL 1
PALMER ETAL
SCHUPBACH 1

14
PICKRELL
DRILLING CO
DIEL 'A' 1

21

PETROLEUM
TECH SERVICES
J. G. BLUNK 1

23

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: Tug Hill Operating, LLC
Lease: Donovan
Well Number: 1-11H
Field: Unknown

Number of Acres attributable to well: 10
QTR/QTR/QTR/QTR of acreage: _____ - _____ - _____ - _____

Location of Well: County: Barber
227 feet from N / S Line of Section
759 feet from E / W Line of Section
Sec. 11 Twp. 34 S. R. 13 E W

Is Section: Regular or Irregular

If Section is Irregular, locate well from nearest corner boundary.

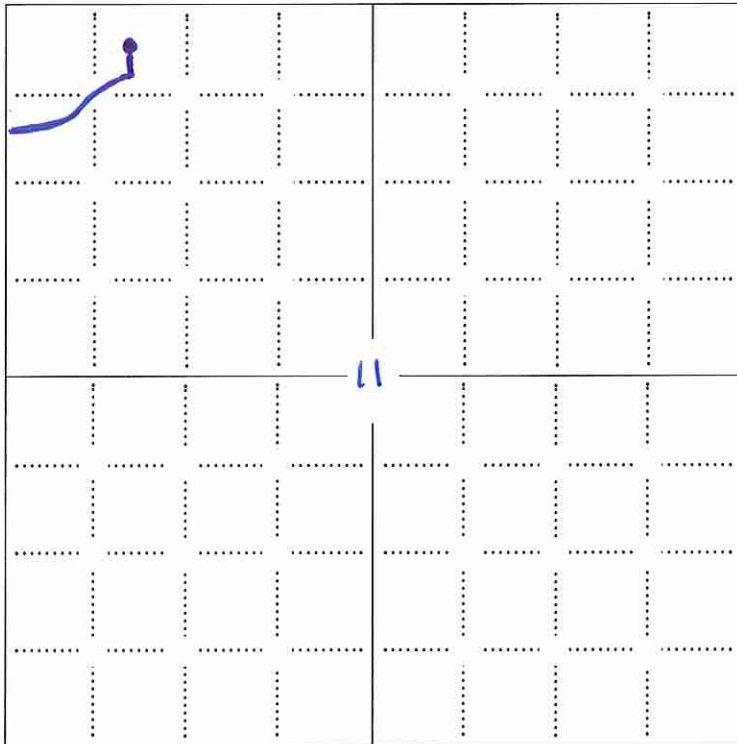
Section corner used: NE NW SE SW

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).

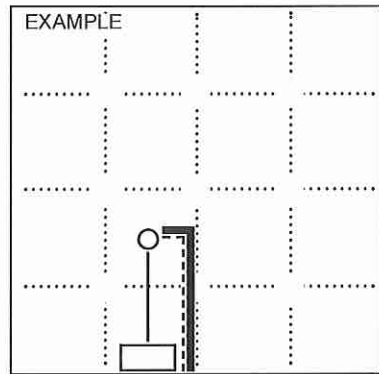
You may attach a separate plat if desired.

Tank battery located at the Donovan 1-10 H



LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



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

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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.
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5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Well Name: Donovan 1-11H

Contractor/Rig: Patterson-UTI 421

State: KS

County: Barber

SHL: 227 FNL & 759 FWL

Township: 34S

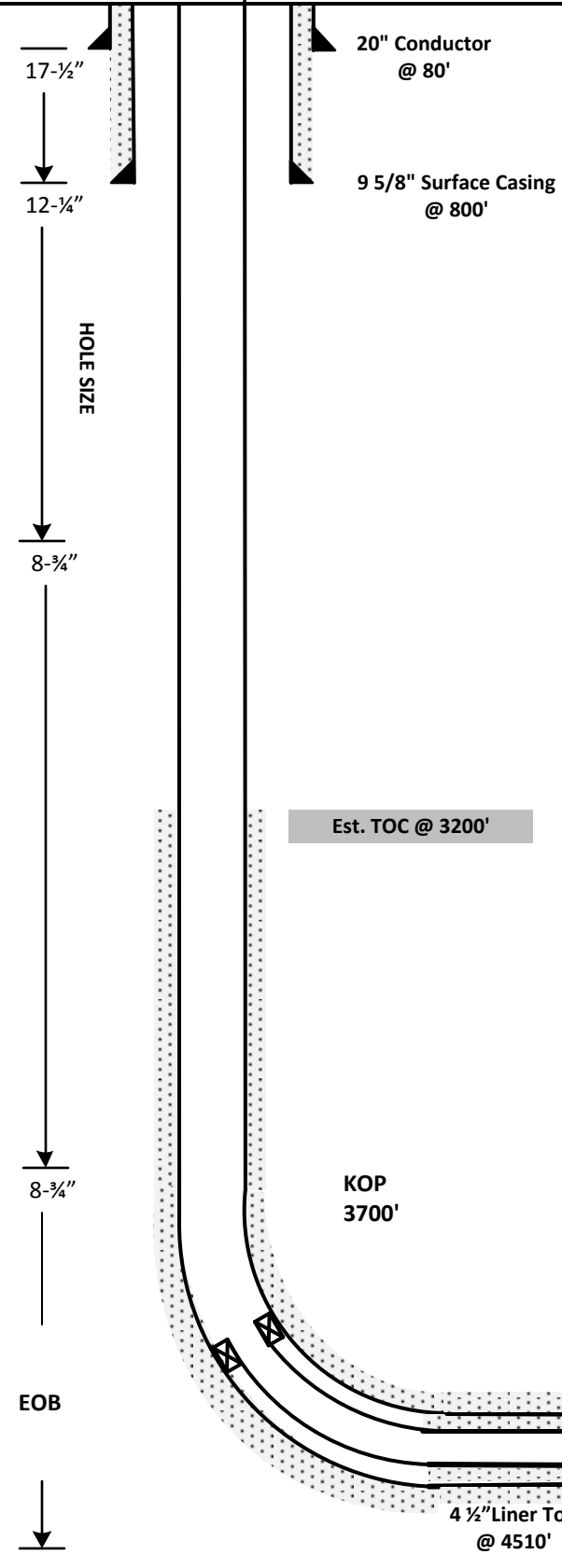
Proposed

GL Elev: KB: KB Elev:

BHL: 330 FSL & 660 FWL

AFE:

Permit Number:



Tubular Details

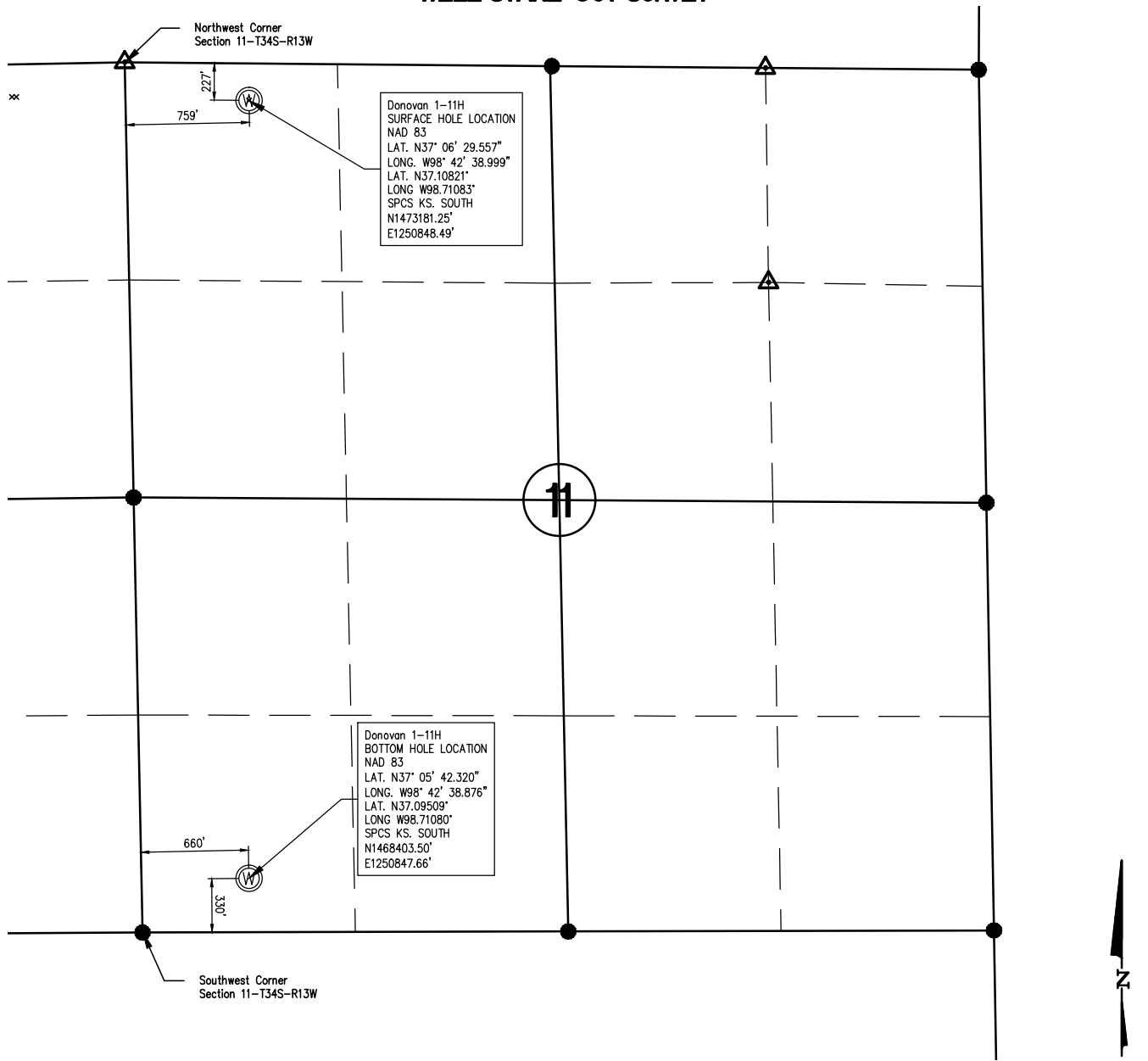
	20"	9 5/8"	7"	4-1/2"
Weight	94 lb/ft	36 lb/ft	26 lb/ft	15.10 lb/ft
Grade	X-42	J-55	P-110	N-80
Burst	3590 psi	3520 psi	9960 psi	10480 psi
Collapse	NA	2020 psi	6230 psi	11080 psi
Wall Thickness	0.438"	0.352"	0.724"	0.337"
ID	19.124"	8.921"	6.276"	3.826"
Setting Depth	80'	900'	4810'	10000'

Cement Details

Interval	Company	Excess	Est. Vol
Surface			
Intermediate			
Production Lead			
Production Tail			

See attachments for slurry details

WELL STAKE-OUT SURVEY



Lease Name: Donovan
 Well No. 1-11H
 Surface El. at SHL stake: 1663 NAVD88
 Well location Co./State: Barber Co. Kansas
 Well location Section: 11-T34S-R13W

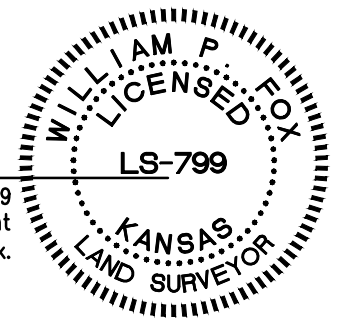
Alternate Datums
 Horz. Datum NAD27
 Donovan #1-11H Lat. N37.108185° Long. W98.710743°

SURVEY DATUMS (shown on drawing)
 Horz. Datum NAD83(CORS96)
 Vert. Datum NAVD88(GEIOD09)
 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.

William P. Fox LS 799
 This survey is valid only if print bears Surveyor's seal signed in blue ink.



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

NOI APPLICATION: Donovan # 1-11H

LEASE INFORMATION

COUNTY: Barber

LESSOR: James R. Donovan Trust – UTA dtd 3/04/2010

LESSEE: Cheyenne Exploration LLC

LEASE DATE: September 27, 2011

RECORDING INFORMATION: Bk 343/ Pg 326

LEGAL DESCRIPTION:

T34S R13W:

SEC 11: ALL, except the NE/4 NE/4

SEC 10: ALL

SEC 3, S/2 SE/4

UNITIZED LEASES:

NONE

SURFACE

T34S R13W:

SEC 11: ALL, except the NE/4 NE/4 – Same as Mineral Owner/Lessee

SEC 11: NE/4 NE/4 – Sam Mott Trust (50%) and Mildred Mott Trust

August 15, 2012

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

Re: Drilling Pit Application
Donovan 1-11H
NW/4 Sec.11-34S-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 72 hours after drilling operations have ceased. 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.