

| 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: |
|--|--|
| month day year | ,Sec TwpS. R E W |
| OPERATOR: License# | (0/0/Q/Q) foot from N / S Line of Section |
| Name: | fact from F / W Line of Continu |
| Address 1: | L OFOTION D L L O |
| Address 2: | |
| City: State: Zip: + | |
| Contact Person: | Lease Name: Well #: |
| Phone: | Field Name: |
| CONTRACTOR: License# | |
| Name: | Target Formation(s): |
| | Nearest Lease or unit boundary line (in footage): |
| Well Drilled For: Well Class: Type Equipment: | Ground Surface Elevation:feet MSL |
| Oil Enh Rec Infield Mud Rotary | Water well within one-quarter mile: |
| Gas Storage Pool Ext. Air Rotary | Public water supply well within one mile: |
| Disposal Wildcat Cable | , |
| Seismic ;# of HolesOther | Depth to bottom of fresh water: |
| Other: | |
| If OWWO: old well information as follows: | Surface Pipe by Alternate: |
| | Length of Surface Pipe Planned to be set: |
| Operator: | |
| Well Name: | |
| Original Completion Date: Original Total Depth: | |
| Directional, Deviated or Horizontal wellbore? | Water Source for Drilling Operations: No Well Farm Pond Other |
| If Yes, true vertical depth: | |
| Bottom Hole Location: | DWK Femili # |
| KCC DKT #: | (Note: Apply for Fernit with DVVK |
| | If Yes, proposed zone: |
| | II 163, proposed 2011e |
| | AFFIDAVIT |
| The undersigned hereby affirms that the drilling, completion and ever | entual plugging 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; | |
| | |
| | l on each drilling rig: |
| 2. A copy of the approved notice of intent to drill shall be posted | I on each drilling rig; If be set by circulating cement to the top; in all cases surface pipe shall be set |
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Agent:

Spud date: _

- If well will not be drilled or permit has expired (See: authorized expiration date) 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: | |
| | |

Side Two



| For KCC Use ONLY | |
|------------------|--|
| API # 15 | |

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

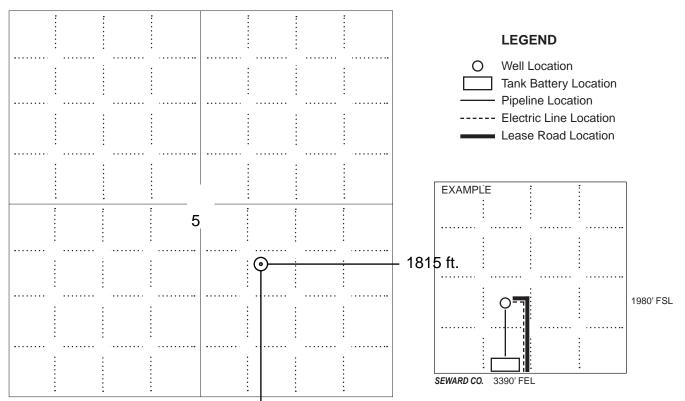
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

| Operator: | Location of Well: County: |
|---------------------------------------|--|
| Lease: | feet from N / S Line of Section |
| Well Number: | feet from E / W Line of Section |
| Field: | SecTwpS. 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.

1815 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: Emergency Pit Burn Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) | Pit is: Proposed If Existing, date colling Pit capacity: | Existing | SecTwpR East WestFeet from Rast / West Line of SectionFeet from East / West Line of Section |
| | | (bbls) | County |
| Is the pit located in a Sensitive Ground Water Area? Yes No | | 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 |
| If the pit is lined give a brief description of the liner material, thickness and installation procedure. | | | dures for periodic maintenance and determining ncluding any special monitoring. |
| Distance to nearest water well within one-mile | 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: Nu | | Number of world | king pits to be utilized: |
| Barrels of fluid produced daily: | | Abandonment | procedure: |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No | | Drill pits must b | be closed within 365 days of spud date. |
| Submitted Electronically | | | |
| | KCC | OFFICE USE O | |
| Date Received: Permit Num | ber: | Permi | Liner Steel Pit RFAC RFAS it Date: Lease Inspection: Yes No |



1220373

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

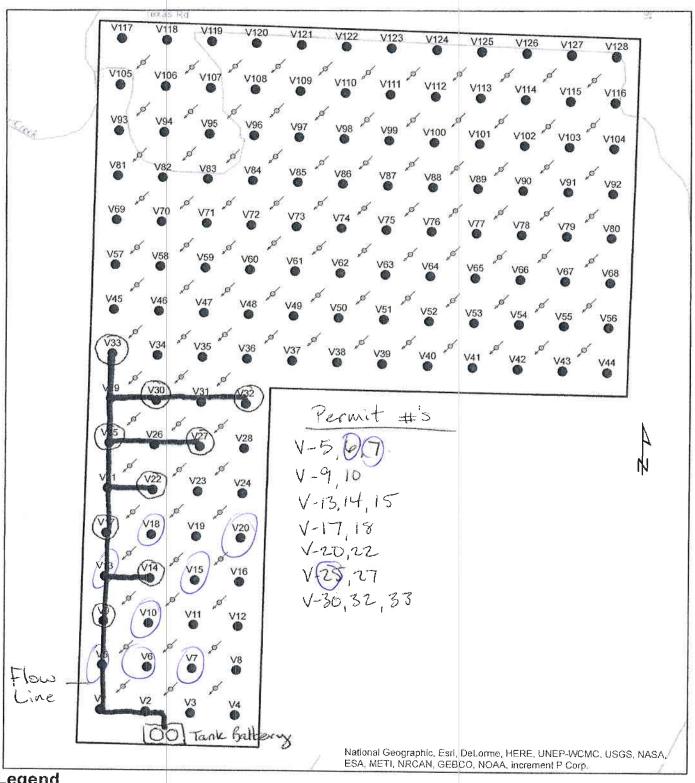
CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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 | 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: | 3 · · · · · · · · · · · · · · · · · · · | | |
| Contact Person: | the lease below: | | |
| Phone: () Fax: () | | | |
| Email Address: | | | |
| Surface Owner Information: | | | |
| Name: | 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 1: | | | |
| Address 2: | | | |
| City: State: Zip:+ | | | |
| the KCC with a plat showing the predicted locations of lease roads, ta are preliminary non-binding estimates. The locations may be entered Select one of the following: 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 | nodic Protection Borehole Intent), you must supply the surface owners and ank 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. Act (House Bill 2032), I have provided the following to the surface elocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form in 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 of | acknowledge that, because I have not provided this information, the owner(s). To mitigate the additional cost of the KCC performing this ss of the surface owner by filling out the top section of this form and | | |
| If choosing the second option, submit payment of the \$30.00 handlin form and the associated Form C-1, Form CB-1, Form T-1, or Form Cl | ng fee with this form. If the fee is not received with this form, the KSONA-1 P-1 will be returned. | | |
| Submitted Electronically | | | |
| r | | | |

THOOHOFF LEASE DRILLING PLAN

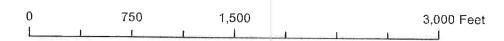


Legend

Thoohoff Producers

Thoohoff Injectors

Lease Boundary



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

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

August 26, 2014

Shawn Smart Vast Petroleum Corporation 10939 N. ALPINE HWY, #510 HIGHLAND, UT 84003

Re: Drilling Pit Application Thohoff V22 SE/4 Sec.05-24S-19E Allen County, Kansas

Dear Shawn Smart:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, 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 as soon as practical after drilling operations have ceased.

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 (620) 432-2300 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) 432-2300.