## i i**saic**i jirii sajai ileli saici rilib ileli saji s

| or KCC Use:       | 20      |
|-------------------|---------|
| Effective Date: _ | 7-22-01 |
| District #1       |         |
| SGA? XYes         | No      |

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1010520

Form C-1
November 2005
Form must be Typed
Form must be Signed
All blanks must be Filled

## NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

| widst be approved by NOO live  |  |
|--|--|
| Expected Spud Date:07/30/2007  | Spot Description: 70' N & 90' E OF   |
| month day year   | W2 - SE - NE Sec. 5 Twp. 17 S. R. 27 TE W  |
| OPERATOR: License# 3842  | (Q/Q/Q/Q) 1,910 feet from N / S Line of Section  |
| Name: Larson Engineering, Inc.   | 900 feet from KE / W Line of Section   |
| Address 1: 562 W STATE RD 4  | Is SECTION: Regular Irregular?   |
| Address 2:   | (Note: Locate well on the Section Plat on reverse side)  |
| City: OLMITZ State: KS Zip: 67564 + 8561   | County: Lane   |
| Contact Person: Thomas Larson  | Lease Name: Johnson Well #: 3-5  |
| Phone: 620-653-7368  | Field Name: PENDENNIS SOUTHWEST  |
| CONTRACTOR: License# 33935   | Is this a Prorated / Spaced Field?   |
| Name: H. D. Drilling, LLC  | Target Formation(s): L-KC, Marmaton, Cherokee  |
| Well Drilled For: Well Class: Type Equipment:  | Nearest Lease or unit boundary line (in footage): 730  |
|  | Ground Surface Elevation: 2685 feet MSL  |
| XOil Enh Rec XInfield X Mud 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: 180  |
| Other:   | Depth to bottom of usable water: 1250  |
|  | Surface Pipe by Alternate:   I   |
| If OWWO: old well information as follows:  | Length of Surface Pipe Planned to be set: 250  |
| Operator:  | Length of Conductor Pipe (if any):   |
| Well Name:   | Projected Total Depth: 4650  |
| Original Completion Date: Original Total Depth:  | Formation at Total Depth: Mississippi  |
|  | Water Source for Drilling Operations:  |
| Directional, Deviated or Horizontal wellbore?  | Well Farm Pond Other: water hauler   |
| If Yes, true vertical depth:   | DWR Permit #:  |
| Bottom Hole Location:  | ( <b>Note:</b> Apply for Permit with DWR )   |
| KCC DKT #:   | Will Cores be taken?   |
|  | If Yes, proposed zone:   |
|  | RECEIVED   |
|  | IDAVIT KANSAS CORPORATIGE COMMISSION   |
| The undersigned hereby affirms that the drilling, completion and eventual plus   | gging of this well will comply with K.S.A. 55 et, seq.   |
| It is agreed that the following minimum requirements will be met:  | JUL 1 6 2007   |
| <ol> <li>Notify the appropriate district office prior to spudding of well;</li> </ol>  | 1000   |
| 2. A copy of the approved notice of intent to drill <b>shall be</b> posted on each   | 5 6,   |
| 3. The minimum amount of surface pipe as specified below <b>shall be set</b> to  |  |
| through all unconsolidated materials plus a minimum of 20 feet into the  | underlying formation.  |
| The trotto day note, an agreement between the operator and the distr   | ict office on niug length and placement is necessary prior to plugging:  |
| 5. The appropriate district office will be notified before well is either plugge   | rict office on plug length and placement is necessary <i>prior to plugging</i> ;<br>ed or production casing is cemented in;  |
| <ol> <li>The appropriate district office will be notified before well is either plugge</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cemented</li> </ol>  | ed or production casing is cemented in; If from below any usable water to surface within 120 DAYS of spud date.  |
| <ol> <li>The appropriate district office will be notified before well is either plugge</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cemented<br/>Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13</li> </ol>  | ed or production casing is cemented in; If from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing   |
| 5. The appropriate district office will be notified before well is either plugge 6. If an ALTERNATE II COMPLETION, production pipe shall be cemented Or pursuant to Appendix "B" - Eastern Kansas surface casing order #10 must be completed within 30 days of the spud date or the well shall be  | ed or production casing is cemented in; If from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.   |
| <ol> <li>The appropriate district office will be notified before well is either plugge</li> <li>If an ALTERNATE II COMPLETION, production pipe shall be cemented<br/>Or pursuant to Appendix "B" - Eastern Kansas surface casing order #13</li> </ol>  | ed or production casing is cemented in; If from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing.   |
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#### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

| API No. 15 - 101-22033-0000           |  |
|---------------------------------------|--|
| Operator: Larson Engineering, Inc.    | Location of Well: County: Lane   |
| Lease: Johnson                        | 1,910 feet from N / S Line of Section  |
| Well Number: 3-5                      | 900 feet from X E / W Line of Section  |
| Field: PENDENNIS SOUTHWEST            | Sec. 5 Twp. 17 S. R. 27 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 and shade attributable acreage for prorated or spaced wells.)

(Show footage to the nearest lease or unit boundary line.)

|  | -     | 10 ft. | 19            |          |          | _ |        |                                       |          |       |
|--|-------|--------|---------------|----------|----------|---|--------|---------------------------------------|----------|-------|
|  |       |        | i             | <u>:</u> |          |   | :      |                                       | :        |       |
|  |       | :<br>  | :             | :        | :        |   | :<br>: | :<br>                                 | :        |       |
|  |       |        |               |          |          |   |        |                                       |          |       |
| - 900 ft.  | 000 4 |        |               |          | :        |   |        | • • • • • • • • • • • • • • • • • • • | •        |       |
|  |       |        | <u>ે</u><br>⊹ | (<br>:   | :        |   | :      | :                                     | :        |       |
| EXAMPLE  |       |        | :             | :        | <u>:</u> |   | 5      | <u>:</u>                              | <u>:</u> |       |
| 1980   |       |        |               |          |          |   |        |                                       |          |       |
| ············10 — · · · · · · · · · · · · · · · · · · |       |        |               | :        |          |   |        |                                       |          |       |
| 3390'  |       | •••••  |               | :        |          |   |        |                                       | :        |       |
|  |       |        | <br>:         | :<br>:   |          |   |        |                                       | :        | ••••• |
| SEWARD CO.   | _     |        | :             | :        | :        |   |        |                                       |          |       |

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

RECEIVED KANSAS CORPORATION COMMISSION

The second

# 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).
- 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).



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1010520

Form CDP-1 April 2004 Form must be Typed

## **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

| Operator Name: Larson Engineering, Inc.   |  |                  | License Number: 3842   |   |        |   |  |  |
|---|--|------------------|--|---|--------|---|--|--|
| Operator Address: 562 W STATE   |  | OLMITZ           | KS   | 67564                                       |        |   |  |  |
| Contact Person: Thomas Larson   | Phone Number:                            | 620-653-736      | 8  |   |        |   |  |  |
| Lease Name & Well No.: Johnson  | Pit Location (QQQQ):                     |                  |  |   |        |   |  |  |
| Type of Pit:  | Pit is:                                  | ,                |  |   |        |   |  |  |
| Emergency Pit Burn Pit  | X Proposed                               | Existing         | Sec. 5 Twp. 17 R. 27 East West                                   |   |        |   |  |  |
| Settling Pit Drilling Pit   | If Existing, date c                      | onstructed:      | 1,910 Feet from North / South Line of Section                    |   |        |   |  |  |
| Workover Pit Haul-Off Pit   | Pit capacity:                            |                  | Feet from East / West Line of Sectio                             |   |        |   |  |  |
| (If WP Supply API No. or Year Drilled)  | 6,400                                    | (bbls)           | Long   |   |        |   |  |  |
| Is the pit located in a Sensitive Ground Water  | Area? XYes                               | No               | Chloride concent   | entration: mg/l                             |        |   |  |  |
|   | A -: : : : : : : : : : : : : : : : : : : | <del></del>      | -  | Emergency Pits and Settling                 |        |   |  |  |
| Is the bottom below ground level?  Yes No   | Artificial Liner?                        | No               | 1  | ed if a plastic liner is not bentonite clay | used?  | ŀ |  |  |
| <u> </u>  |  |                  |  |   |        |   |  |  |
| Pit dimensions (all but working pits).  | Lengur (ie                               | set)             | Width (feet) N/A: Steel Pits  3                                  |   |        |   |  |  |
| If the pit is lined give a brief description of the   | om ground level to de                    | 1                | (1001  | maintenance and determ                      | No Pit |   |  |  |
| material, thickness and installation procedure  |  |                  | ncluding any specia  |   | miniy  |   |  |  |
|   |  |                  |  |   |        |   |  |  |
|   |  |                  |  |   |        |   |  |  |
| ALADA W. Sarah  |  |                  |  |   |        |   |  |  |
| Distance to nearest water well within one-mile of pit  Depth to shall Source of info                    |  |                  | ollowest fresh water25feet.                                      |   |        |   |  |  |
| NA feet Depth of water well   | ured well owner electric log X KDWR      |                  |  |   |        |   |  |  |
| Emergency, Settling and Burn Pits ONLY:   |  | 1                | over and Haul-Off Pits ONLY:                                     |   |        |   |  |  |
| Producing Formation:  |  | Type of materia  | al utilized in drilling/workover: <u>fresh water mud</u>         |   |        |   |  |  |
| Number of producing wells on lease:   |  | Number of wor    | vorking pits to be utilized:3                                    |   |        |   |  |  |
| Barrels of fluid produced daily:  | Abandonment                              | procedure: Allow | to dry then back   | <u>fill</u>                                 | ;      |   |  |  |
| Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No              |  |                  | Drill pits must be closed within 365 days of spud date. RECEIVED |   |        |   |  |  |
| I hereby certify that the above statements are true and correct to the best of my knowledge and belief. |  |                  |  |   |        |   |  |  |
| JUL 1 6 2007  |  |                  |  |   |        |   |  |  |
| $\frac{\sqrt{-13-07}}{\text{Date}}$   | ignature of Applicar                     |                  | SERVATION D<br>WICHITA K   | IVISION<br>E                                |        |   |  |  |
| 34.0  |  |                  |  |   |        |   |  |  |
| KCC OFFICE USE ONLY Steel Pit RFAC RFAS Normal  |  |                  |  |   |        |   |  |  |
| Date Received: 7/16/07 Permit Numb  | oer:                                     | Permi            | it Date: 7/16/   | 07 Lease Inspection:                        |        |   |  |  |