

For KCC Use:

Effective Date: 3-22-04

District # 4

SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
NOTICE OF INTENT TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing work

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MAR 15 2004

KCC WICHITA

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

Expected Spud Date 3 20 2004
month day year

OPERATOR: License # 3842
Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC.
Address: 562 WEST HIGHWAY 4
City/State/Zip: OLMITZ, KS 67564-8561
Contact Person: TOM LARSON
Phone: (620) 653-7368

CONTRACTOR: License # 5184 Shields Oil Producers Inc
Name: SHIELDS DRILLING COMPANY, INC

Well Drilled For: Oil Gas OWWO Seismic; # of Holes Other
 Enh Rec Storage Disposal
Well Class: Infield Pool Ext. Wildcat Other
Type Equipment: Mud Rotary Air Rotary Cable

If OWWO: old well information as follows:

Operator: _____
Well Name: _____
Original Completion Date: _____ Original Total Depth: _____

Directional, Deviated or Horizontal wellbore? Yes No
If yes, true vertical depth: _____
Bottom Hole Location: _____
KCC DKT#: _____

Spot 150' EAST OF
NW - NW - SW Sec. 35 Twp. 10 S. R. 17
2310 feet from N / S Line of Section
480 feet from E / W Line of Section

Is SECTION _____ Regular Irregular?

(Note: Locate well on the Section Plat on Reverse Side)

County: ROOKS
Lease Name: BRUNGARDT UNIT Well #: 22
Field Name: BRUNGARDT
Is this a Prorated / Spaced Field? Yes No
Target Formation(s): ARBUCKLE, CONGLOMERATE
Nearest Lease or unit boundary: 330'
Ground Surface Elevation: 2050 ESTIMATED feet MSL
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Depth to bottom of fresh water: 180
Depth to bottom of usable water: 520
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 200'
Length of Conductor pipe required: NONE
Projected Total Depth: 3700'
Formation at Total Depth: ARBUCKLE
Water Source for Drilling Operations:
 Well Farm Pond Other DRILLING CONTRACTOR
DWR Permit #: _____
(Note: Apply for Permit with DWR)
Will Cores Be Taken? Yes No
If yes, proposed zone: _____

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq. It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved Notice of Intent to Drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
4. If the well is a dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 days** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 03/12/2004 Signature of Operator or Agent: Thomas Larson Title: PRESIDENT

Remember to:

- File Drill Pit Application (Form CDP-1) with Intent to Drill;
- 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;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well Not Drilled - Permit Expired

Signature of Operator or Agent: _____

Date: _____

For KCC use ONLY

API # 15 - 163-234020000

Conductor pipe required NONE feet

Minimum surface pipe required 200 feet per Alt. + ②

Approved by: RSP 3-17-04

This authorization expires: 9-17-04

(This authorization void if drilling not started within 6 months of effective date.)

Spud date: _____ Agent: _____

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

35
10
1703

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IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

MAR 15 2004

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

KCC WICHITA

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 - _____
LARSON OPERATING COMPANY
Operator: A DIVISION OF LARSON ENGINEERING, INC.
Lease: BRUNGARDT UNIT
Well Number: 22
Field: BRUNGARDT

Location of Well: County: ROOKS
2310 feet from N / S Line of Section
480 feet from E / W Line of Section
Sec. 35 Twp. 10 S. R. 17 East West

Is Section: Regular or Irregular

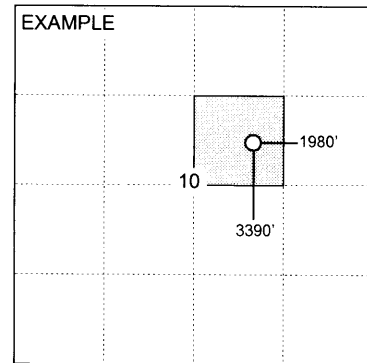
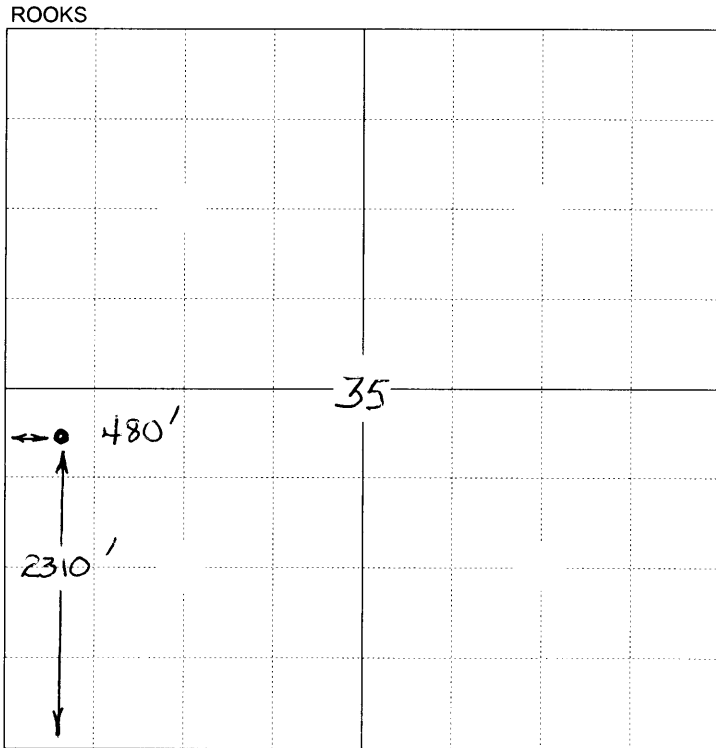
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

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



SEWARD CO.

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

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 section's south / north and east / west.
3. The distance to the nearest lease or unit boundary line.
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).