

For KCC Use: 2-7-05
Effective Date: 4
District # 4
SGA? Yes No

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

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

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

Expected Spud Date 2 15 2005
month day year

Spot 40' E & 75' N OF East
SE - NE - SW Sec. 35 Twp. 10 S. R. 17 West
1725 feet from N / S Line of Section
2350 feet from E / W Line of Section

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

Is SECTION X Regular Irregular?
(Note: Locate well on the Section Plat on Reverse Side)

CONTRACTOR: License # 5184
Name: SHIELDS DRILLING COMPANY, INC

County: ROOKS
Lease Name: BRUNGARDT UNIT Well #: 23
Field Name: BRUNGARDT
Is this a Prorated / Spaced Field? Yes No

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

Target Formation(s): ARBUCKLE, CONGLOMERATE
Nearest Lease or unit boundary: 915'
Ground Surface Elevation: 1960 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: 800
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 200'
Length of Conductor pipe required: NONE
Projected Total Depth: 3600'
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:

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#:

**Unit information, Received*

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: 01/30/2005 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:

35
10
17W

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

For KCC use ONLY
API # 15 - 163-23444-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. + ②
Approved by: RJP 2-2-05
This authorization expires: 8-2-05
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

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 - _____
 LARSON OPERATING COMPANY
 Operator: A DIVISION OF LARSON ENGINEERING, INC.
 Lease: BRUNGARDT UNIT
 Well Number: 23
 Field: BRUNGARDT

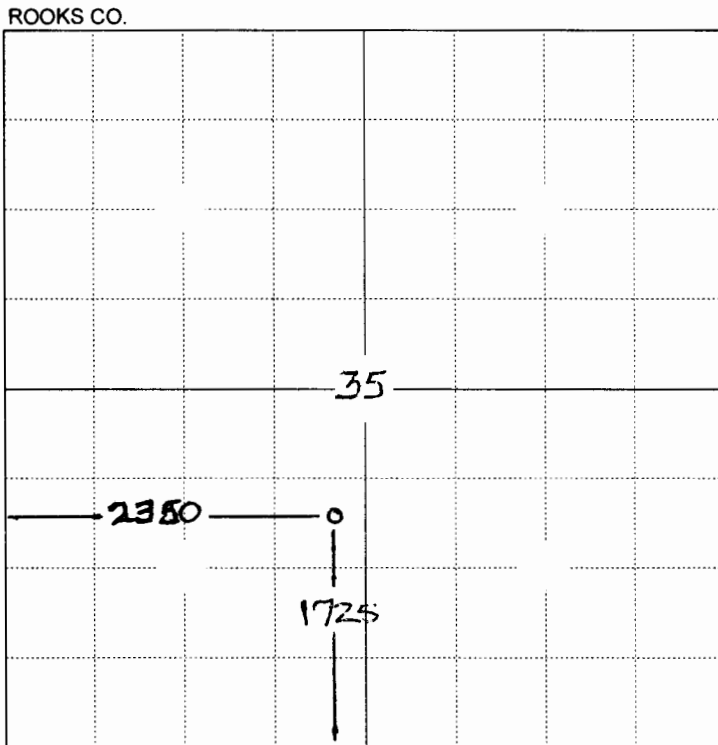
Location of Well: County: ROOKS
 _____ 1725 _____ feet from N / S Line of Section
 _____ 2350 _____ feet from E / W Line of Section
 Sec. 35 Twp. 10 S. R. 17 East West

Number of Acres attributable to well: 10
 QTR / QTR / QTR of acreage: SE - NE - SW

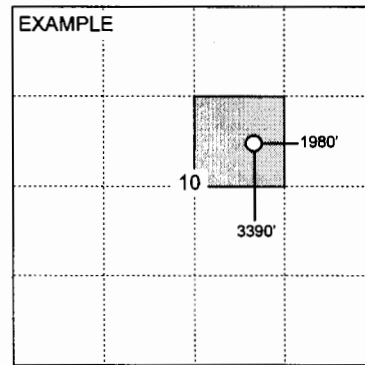
Is Section: Regular or Irregular
 If Section is Irregular, locate well from nearest corner boundary.
 Section corner used: NE NW SE SW

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.)*



BASE LEASE COVERS
 S/2 SEC. 35 10S-17W
 ROOKS CO., KANSAS



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

RECEIVED

FEB 01 2005

KCC WICHITA

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).