

EFFECTIVE DATE: 5-19-90

State of Kansas  
NOTICE OF INTENTION TO DRILL

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 MAY 28, 1990 Ap NW-SE NW/4. Sec 14.. Twp 11. S, Rg 19.. X East  
month day year

OPERATOR: License # 3293  
Name: RUSSELL OIL, INC.  
Address: P.O. BOX 272  
City/State/Zip: RUSSELL, KS. 67665  
Contact Person: LEROY HOLT II  
Phone: (913) 483-3954

.....3840..... feet from South line of Section  
.....3630..... feet from East line of Section  
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: 5655  
Name: SHIELDS DRILLING COMPANY, INC.

County: ELLIS  
Lease Name: VINE Well #: 1  
Field Name: SOLOMON  
Is this a Prorated Field? .... yes X.. no  
Target Formation(s): KANSAS CITY, ARBUCKLE  
Nearest lease or unit boundary: 1440'  
Ground Surface Elevation: 1959' feet MSL  
Domestic well within 330 feet: .... yes X.. no  
Municipal well within one mile: .... yes X.. no  
Depth to bottom of fresh water: 200' 220'  
Depth to bottom of usable water: 500' 750'  
Surface Pipe by Alternate: .... 1 X.. 2  
Length of Surface Pipe Planned to be set: 250'  
Length of Conductor pipe required: .....  
Projected Total Depth: 3600'  
Formation at Total Depth: ARBUCKLE  
Water Source for Drilling Operations:  
..... well ..... farm pond X.. other  
DWR Permit #: 95-5001  
Will Cores Be Taken?: .... yes X.. no  
If yes, proposed zone: .....

Well Drilled For: Well Class: Type Equipment:  
X Oil ... Inj X.. Infield X.. Mud Rotary  
... Gas ... Storage ... Pool Ext. ... Air Rotary  
... OWWO ... Disposal ... Wildcat ... Cable  
... Seismic; ... # of Moles

If OWWO: old well information as follows:  
Operator: .....  
Well Name: .....  
Comp. Date: ..... Old Total Depth .....

Directional, Deviated or Horizontal wellbore? .... yes X.. no  
If yes, total depth location: .....

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. The appropriate district office shall be notified before setting surface pipe;
2. The minimum amount of surface pipe as specified above 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;
3. If the well is dry, a plugging proposal shall be submitted to the district office. An agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
4. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
5. If an Alternate II completion, production pipe shall be cemented from below any usable water to surface within 120 days of spud date. 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: MAY 9, 1990..... Signature of Operator or Agent: [Signature]..... Title: VICE-PRESIDENT

FOR KCC USE:  
API # 15- 051-24,658-0000  
Conductor pipe required NONE feet  
Minimum surface pipe required 240' feet per Alt. X(2)  
Approved by: DPW 5-14-90  
EFFECTIVE DATE: 5-19-90  
This authorization expires: 11-14-90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

STATE OF KANSAS  
MAY 11 1990  
CONSERVATION DIVISION  
Wichita, Kansas

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.

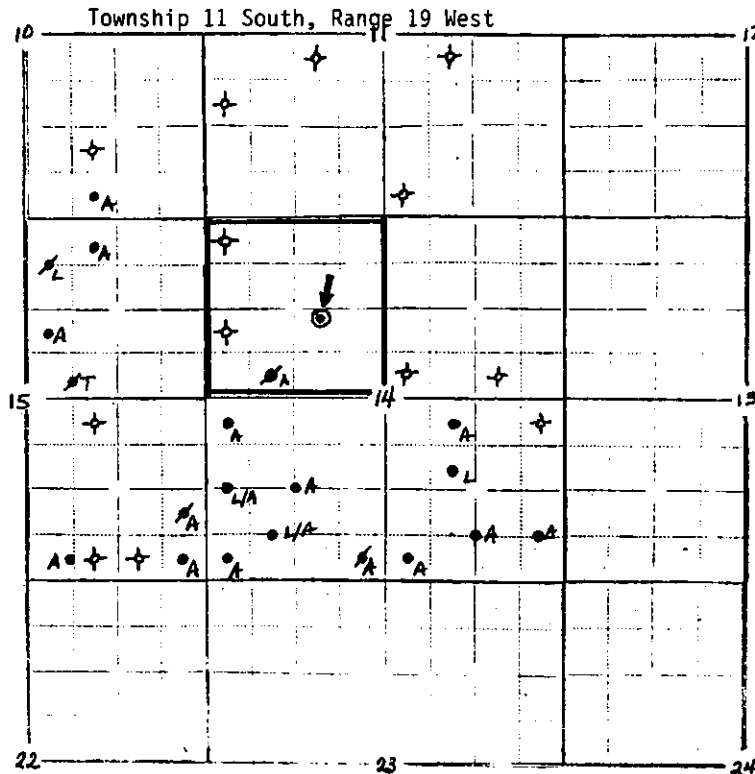
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division  
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR RUSSELL OIL, INC. LOCATION OF WELL:  
 LEASE VINE 3840 feet north of SE corner  
 WELL NUMBER #1 3630' feet west of SE corner  
 FIELD SOLOMON NW/4 Sec. 14 T 11 R 19 XE/W  
 COUNTY ELLIS  
 NO. OF ACRES ATTRIBUTABLE TO WELL 20 IS SECTION     REGULAR  IRREGULAR?  
 DESCRIPTION OF ACREAGE NW/4 IF IRREGULAR, LOCATE WELL FROM NEAREST  
 CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.

PLAT



T = Topeka  
 A = Arbuckle producer  
 L = Lansing / Kansas City  
 Producer

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, 4 sections, 16 sections, with 8 surrounding partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same position you are supplying in adjoining drilling units pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

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

Signature of Operator or Agent *Wesley H. ...*

Date MAY 9, 1990 Title VICE-PRESIDENT