

EFFECTIVE DATE: 3/14/90

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date March 13, 1990  
month day year

C-W/2 W/2 SW- Sec 11 Twp 32 S, Rg 12 X East West

OPERATOR: License # 5428  
Name: GRAVES DRILLING CO., INC.  
Address: 8100 E. 22nd St., Suite 800  
City/State/Zip: Wichita, Kansas 67226  
Contact Person: John C. Graves  
Phone: 316/687-2777

1320 feet from South line of Section  
4950 feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5929  
Name: DUKE DRILLING CO., INC.

County: Barber  
Lease Name: Garten Well #: 5  
Field Name: Bloom North Wildcat  
Is this a Prorated Field? yes X no  
Target Formation(s): Lansing, Mississippi  
Nearest lease or unit boundary: 330  
Ground Surface Elevation: Unknown feet MSL  
Domestic well within 330 feet: yes X no  
Municipal well within one mile: yes X no  
Depth to bottom of fresh water: 60'  
Depth to bottom of usable water: 180'  
Surface Pipe by Alternate: X.. 1 .. 2  
Length of Surface Pipe Planned to be set: 450'+  
Length of Conductor pipe required: N/A  
Projected Total Depth: 4350'  
Formation at Total Depth: Mississippi  
Water Source for Drilling Operations:  
well farm pond X other  
DWR Permit #: \_\_\_\_\_  
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 X Pool Ext. ... Air Rotary  
... OWD ... Disposal ... Wildcat ... Cable  
... Seismic; ... # of Holes

If OWD: 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: \_\_\_\_\_

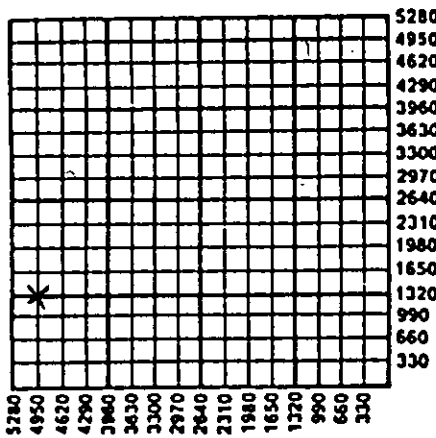
AFFIDAVIT

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: 3/8/90 Signature of Operator or Agent: Sally R. Byers Title: Agent



CONSERVATION DIVISION  
Wichita, Kansas  
MAR 9 1990  
STATE CORPORATION COMMISSION

FOR KCC USE:  
API # 15- 007-229297-00-00  
Conductor pipe required none feet  
Minimum surface pipe required 200' feet per Alt. (X)  
Approved by: [Signature]  
EFFECTIVE DATE: 3/14/90  
This authorization expires: 9/9/90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

11  
32  
12

- REMEMBER TO:
- File Drill Pit Application (form COP-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.