

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

Expected Spud Date Sept. 7, 1989  
month day year

SE. NE. SW. Sec 29 Twp 9 S, Rg 19W X East West

OPERATOR: License # 5428  
Name: Graves Drilling Co., Inc.  
Address: P. O. Box 8250  
City/State/Zip: Wichita, KS. 67208  
Contact Person: Fredrick W. Stump  
Phone: 687-2777

1650 feet from South line of Section  
2970 feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5420  
Name: White & Ellis Drilling

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

If OWWO: old well information as follows:

Operator: .....  
Well Name: .....  
Comp. Date: ..... Old Total Depth .....

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

County: Rooks  
Lease Name: Ferland Well #: 1  
Field Name: Wildcat  
Is this a Prorated Field? .... yes  no  
Target Formation(s): Arbuckle  
Nearest lease or unit boundary: 990'  
Ground Surface Elevation: Est. 2175 GL feet MSL  
Domestic well within 330 feet: .... yes  no  
Municipal well within one mile: .... yes  no  
Depth to bottom of fresh water: 180'  
Depth to bottom of usable water: 1100' B/DK  
Surface Pipe by Alternate: .... 1  2  
Length of Surface Pipe Planned to be set: 220'  
Length of Conductor pipe required: none  
Projected Total Depth: 3700'  
Formation at Total Depth: Arbuckle  
Water Source for Drilling Operations:  
... well ... farm pond  other  
DWR Permit #: .....  
Will Cores Be Taken?: .... yes  no  
If yes, proposed zone: .....

**AFFIDAVIT**

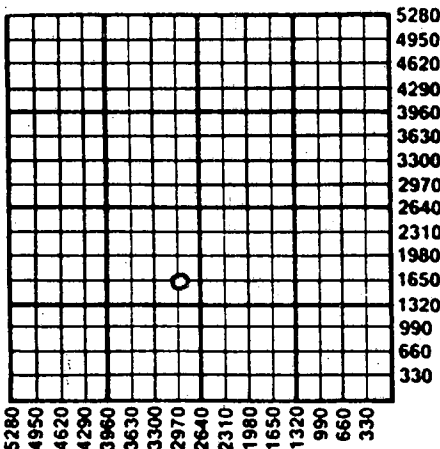
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

It is agreed that the following minimum requirements will be met:

1. 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: 8/29/89 Signature of Operator or Agent: Fredrick W. Stump Title: Geologist



CONSERVATION DIVISION  
Wichita, Kansas  
AUG 30 1989  
6-30-89

STATE COMMISSION

FOR KCC USE:

API # 15- 163-23,058-00-00

Conductor pipe required NONE feet

Minimum surface pipe required 200' feet per Alt.  (2)

Approved by: DPW 8-30-89

EFFECTIVE DATE: 9-04-89

This authorization expires: 3-02-90

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

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

29  
9  
19W

**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.