

EFFECTIVE DATE: 2/3/90  
Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date February 5 1990  
month day year

W/2 NW SW 31 29 12 East  
Sec Twp S, Rg  West

OPERATOR: License # 5056  
Name: F. G. HOLL COMPANY  
Address: P. O. BOX 780167  
City/State/Zip: Wichita, Kansas 67278-0167  
Contact Person: Elwyn H. Nagel  
Phone: (316) 684-8481

1980 feet from South line of Section  
4950 feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5142  
Name: Sterling Drilling Company

County: Pratt  
Lease Name: Carver Well #: 1-31  
Field Name: Wildcat

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

Is this a Prorated Field? ... yes  no  
Target Formation(s): Indian Cave, Miss., Viola  
Nearest lease or unit boundary: 330'  
Ground Surface Elevation: 1898 est. feet MSL

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

Domestic well within 330 feet: ... yes  no  
Municipal well within one mile: ... yes  no  
Depth to bottom of fresh water: 180 196  
Depth to bottom of usable water: 280

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

Surface Pipe by Alternate:  1 ... 2  
Length of Surface Pipe Planned to be set: 300'  
Length of Conductor pipe required: NA  
Projected Total Depth: 4785  
Formation at Total Depth: Arbuckle

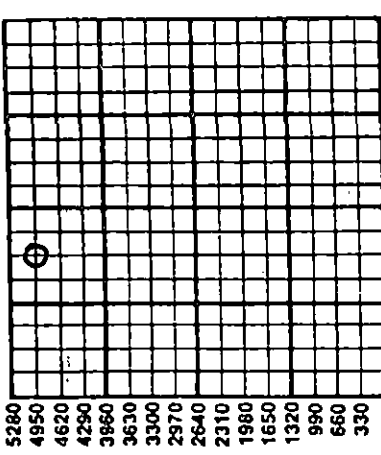
Water Source for Drilling Operations:  
 well ... farm pond ... other  
DWR Permit #: .....  
Will Cores Be Taken? ... yes  no  
If yes, proposed zone: .....

**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: 1/24/90 Signature of Operator or Agent: W. Bryce Bidleman Title: Geologist



UNIVERSITY OF KANSAS  
Wichita, Kansas  
JAN 29 1990  
01-29-90

FOR KCC USE:  
API # 15- 151-21,980-00-00  
Conductor pipe required NONE feet  
Minimum surface pipe required 300 feet per Alt.   
Approved by: [Signature] 1/29/90  
EFFECTIVE DATE: 2/3/90  
This authorization expires: 7/29/90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

31  
295  
12w

- 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.

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CALLED X

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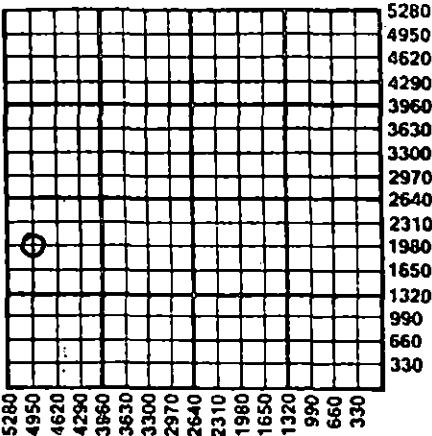
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W. Bryce Bidleman



Conservation Division  
Wichita, Kansas  
0661 6 2 NW,  
01-29-90

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