

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

Expected Spud Date June 10, 1989
month day year

C-E/2 SE NE Sec 28: Twp 28 S, Rg 12 East West

OPERATOR: License # 3287
Name: STANLEY D. PETRIE
Address: Route 1
City/State/Zip: Pratt, Kansas 67124
Contact Person: Stanley D. Petrie
Phone: 316/672-6236

3300 feet from South line of Section
330 feet from East line of Section
(Note: Locate well on Section Plat Below)

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

County: Pratt
Lease Name: Freund Well #: 1
Field Name: Chitwood
Is this a Prorated Field? yes no
Target Formation(s): Miss. Simpson, Arbuckle
Nearest lease or unit boundary: 330
Ground Surface Elevation: 1881 feet MSL
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no
Depth to bottom of fresh water: 150-200'
Depth to bottom of usable water: 280'
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 305' 304'
Length of Conductor pipe required: NONE
Projected Total Depth: 4650'
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: _____

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

If OAWO; old well information as follows:
Operator: PETRIE EXPLORATION COMPANY, INC.
Well Name: Freund #1
Comp. Date: 8/18/86 Old Total Depth: 2056'

Directional, Deviated or Horizontal wellbore? yes 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: 6/9/89 Signature of Operator or Agent: Sally R. Byers Title: Agent

5280	
4950	
4620	
4290	
3960	
3630	
3300	*
2970	
2640	
2310	
1980	
1650	
1320	
990	
660	
330	

RECEIVED
6-9-89
JUN 9 1989
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
-00-01
API # 15- 151-21,801-X
Conductor pipe required NONE feet
Minimum surface pipe required 304' feet per Alt.
Approved by: DW 6-09-89
EFFECTIVE DATE: 6-14-89
This authorization expires: 12-09-89
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

28
28
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.