

15-109-20483-00-00

FORM MUST BE TYPED  
FORM C-1 12/88

State of Kansas  
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED  
ALL BLANKS MUST BE FILLED

2/11/90

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

Expected Spud Date February 9<sup>th</sup> 1990  
month day year

NW NW Sec 18 Twp 11 S, Rg 33 East West

OPERATOR: License # 5140  
Frontier Oil Company  
Name: 125 N. Market, Ste. 1720  
Address: Wichita, KS 67202  
City/State/Zip: George A. Angle  
Contact Person: 316-263-1201  
Phone:

4620 feet from South line of Section  
4620 feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5302  
Red Tiger Drilling Co.

County: Logan  
Kiechel  
Lease Name: Well # 1  
Field Name: Cook SW  
Is this a Prorated Field? yes X no  
Target Formation(s): Lansing, Cherokee  
Nearest lease or unit boundary: 430

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

Ground Surface Elevation: feet MSL  
Domestic well within 330 feet: yes X no  
Municipal well within one mile: yes X no  
Depth to bottom of fresh water: 180 240  
Depth to bottom of usable water: 1750  
Surface Pipe by Alternate: 1 X 2  
Length of Surface Pipe Planned to be set: 240 260  
Length of Conductor pipe required: N/A  
Projected Total Depth: 4700  
Formation at Total Depth: Mississippi  
Water Source for Drilling Operations:  
... well ... farm pond X other  
DWR Permit #: N/A  
Will Cores Be Taken?: yes XX no  
If yes, proposed zone:

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

Directional, Deviated or Horizontal wellbore? yes XX 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: 2-2-90 Signature of Operator or Agent: D. Ann Brennan Title: Rig Coordinator  
By Red Tiger Drilling Company

Grid with depth markers: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

RECEIVED  
STATE CORPORATION COMMISSION  
2-5-1990  
FEB 5 1990  
CONSERVATION DIVISION  
Wichita, Kansas

FOR KCC USE:  
API # 15- 109-20,483-00-00  
Conductor pipe required feet  
Minimum surface pipe required 260 feet per Alt. 1 (2)  
Approved by: TBA 2/6/90  
EFFECTIVE DATE: 2/11/90  
This authorization expires: 8/6/90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: Agent:

18  
11  
33

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.