

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

Expected Spud Date 4 4 89
month day year

..... NW. NW. SW. Sec .27. Twp .11. S, Rg 15Wx East
West

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

..... 2310 feet from South line of Section
..... 4950 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5302
Name: Red Tiger Drilling Co.

County: Russell
Lease Name: Abbott Well #: 2
Field Name: WC
Is this a Prorated Field? yes ..X no
Target Formation(s): Lansing, Arbuckle
Nearest lease or unit boundary: 330
Ground Surface Elevation: Est. 1834 KB 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
Depth to bottom of usable water: 500 550
Surface Pipe by Alternate: 1 ..X 2
Length of Surface Pipe Planned to be set: 200
Length of Conductor pipe required: N/A
Projected Total Depth: 3300
Formation at Total Depth: ARB
Water Source for Drilling Operations:
..... well farm pond ..X. other
DWR Permit #: N/A
Will Cores Be Taken?: yes X.. no

Well Drilled For: Well Class: Type Equipment:
..X Oil ... Inj ... Infield ..X 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 ..X no
If yes, total depth location:

If yes, proposed zone:

AFFIDAVIT

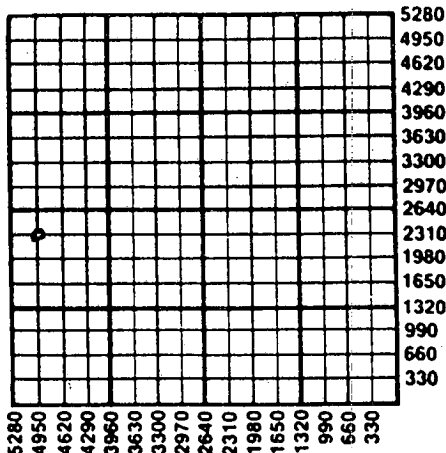
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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 cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 3-30-89 Signature of Operator or Agent: *George A. Angle* Title: Owner



RECEIVED
STATE CORPORATION COMMISSION
3-30-1989
MAR 30 1989
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:

API # 15-167-22,843-00-00 (10)

Conductor pipe required NONE feet

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

Approved by: LKM 3-30-89

EFFECTIVE DATE: 4-4-89

This authorization expires: 9-30-89

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

Spud date: _____ Agent: _____

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.