

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

Expected Spud Date 2 26 89
month day year

NE.. NW SW.... Sec 27: Twp 11 S, Rg 15W East
 West

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

2310..... feet from South line of Section
4290..... 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 #: 1
Field Name: _____
Is this a Prorated Field? yes no
Target Formation(s): ARB
Nearest lease or unit boundary: 330
Ground Surface Elevation: _____ 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: 500
Surface Pipe by Alternate: 1 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 Drilled For: Well Class: Type Equipment:
 Oil Inj Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWWO Disposal Wildcat Cable
 Seismic; # of Holes

... well farm pond other
DWR Permit #: N/A

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

Will Cores Be Taken?: yes no
If yes, proposed zone: _____

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

AFFIDAVIT

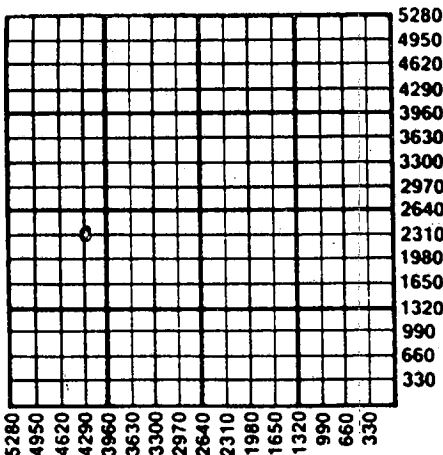
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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 my cementing.

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

Date: 2-20-89 Signature of Operator or Agent: George A. Angle Owner



RECEIVED
CORPORATION COMMISSION
2-20-1989
FEB 20 1989

FOR KCC USE:

API # 15- 167-22938-00-00

Conductor pipe required _____ feet

Minimum surface pipe required 200 feet per Alt. 2

Approved by: LKM 2-20-89

EFFECTIVE DATE: 2-25-89

This authorization expires: 8-20-89

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

Spud date: _____ Agent: _____

- REMEMBER TO:
- Application (form CDP-1) with Intent to Drill;
 - 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.