

fixed

(X)

FORM MUST BE TYPED

State of Kansas

FORM MUST BE SIGNED

EFFECTIVE DATE: 3/11/90

NOTICE OF INTENTION TO DRILL

ALL BLANKS MUST BE FILLED

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

Expected Spud Date ... 3 ... 11 ... 90 ... month day year

NE. .NW. .SE Sec 20. Twp .7... S, Rg 19W X West

.....2310..... feet from South line of Section
.....1650..... feet from East line of Section

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

(Note: Locate well on Section Plat Below)

County: Rooks
Lease Name: Jones "A" Well #: 1
Field Name: Locust Grove
Is this a Prorated Field? ... yes X.. no

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

Target Formation(s): ARB
Nearest lease or unit boundary: 330

Well Drilled For: Well Class: Type Equipment:

Ground Surface Elevation: N/A 1965 feet MSL
Domestic well within 330 feet: ... yes X.. no

- X. Oil ... Inj ... Infield X. Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWMO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes

Municipal well within one mile: ... yes X.. no
Depth to bottom of fresh water: 180

If OWMO: old well information as follows:

Depth to bottom of usable water: 1050
Surface Pipe by Alternate: 1 X.. 2

Operator:
Well Name:
Comp. Date: Old Total Depth

Length of Surface Pipe Planned to be set: 210
Length of Conductor pipe required: N/A

Directional, Deviated or Horizontal wellbore? ... yes X no

Projected Total Depth: 3450
Formation at Total Depth: ARB

If yes, total depth location:

Water Source for Drilling Operations:
... well X.. farm pond ... other

if elevation is below 1920, see regulations regarding surface pipe for Rooks county, also for AFFIDAVIT Alt. #2 Cementing.

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

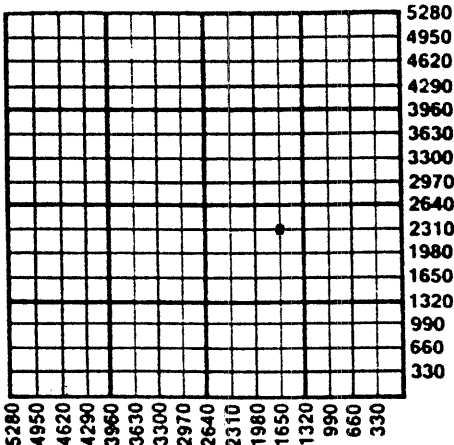
It is agreed that the following minimum requirements will be met:

DWR Permit #: N/A
Will Cores Be Taken?: ... yes X.. no

- 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: 3-5-90 Signature of Operator or Agent: [Signature] Rig Coordinator



RECEIVED STATE CORPORATION COMMISSION 3/5/90

FOR KCC USE: API # 15- 163-23,085 0000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. X 2
Approved by: BGF 3/6/90
EFFECTIVE DATE: 3/11/90
This authorization expires: 9/6/90
Spud date: Agent:

20 7 19

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.