

EFFECTIVE DATE: 4-13-91 State of Kansas

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date 4-15-91
month day year

NE NE NW Sec 15 Twp 7 S, Rg 19W East West

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

4950 feet from South line of Section
2970 feet from East line of Section
(Note: Locate well on Section Plat on Reverse Side)

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

County: Rooks
Lease Name: Burton Well #: 4
Field Name: Grover North Ext.
Is this a Prorated Field? ... yes no
Target Formation(s): Arbuckle
Nearest lease or unit boundary: 330
Ground Surface Elevation: N/A feet MSL
Domestic well within 330 feet: ... yes no
Municipal well within one mile: ... yes no
Depth to bottom of fresh water: 350
Depth to bottom of usable water: 945
Surface Pipe by Alternate: ... 1 2
Length of Surface Pipe Planned to be set: 250
Length of Conductor pipe required: N/A
Projected Total Depth: 3500
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
... well farm pond other
DWR Permit #: N/A
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
... 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 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: 4-4-91 Signature of Operator or Agent: D. Anne Drennan Title: Rig. Coordinator

FOR KCC USE:
API # 15- 163-23, 162 owo
Conductor pipe required None feet
Minimum surface pipe required 200 feet per Alt. R2
Approved by: MRE 4-8-91
EFFECTIVE DATE: 4-13-91
This authorization expires: 10-8-91
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____



4/5/91
15 2 19W
APR 5 1991
CONSERVATION DIVISION
WICHITA, KANSAS

REMEMBER TO:

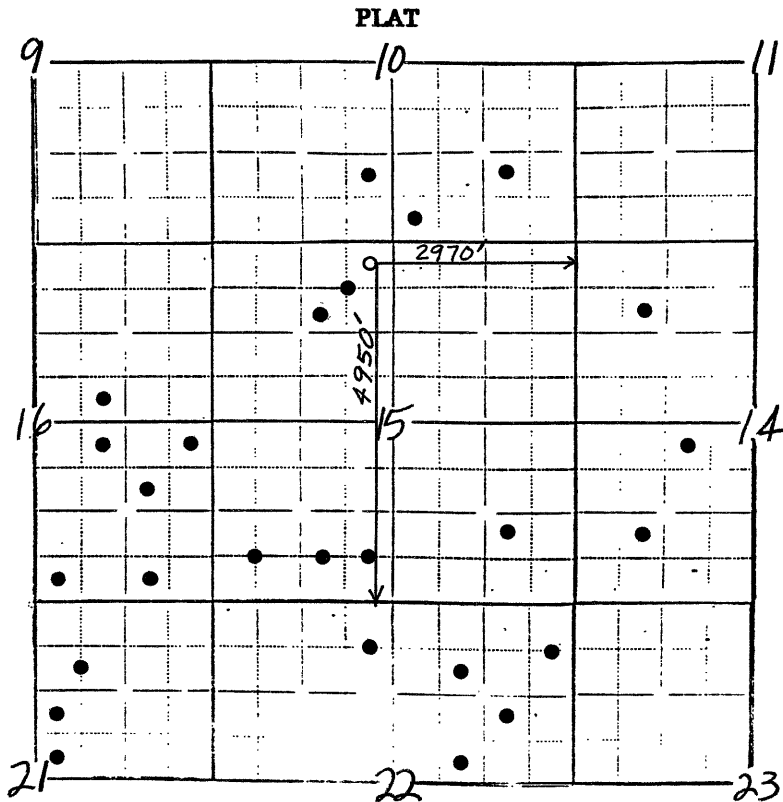
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field prorations orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR <u>Frontier Oil Company</u>	LOCATION OF WELL:
LEASE <u>Burton</u>	<u>4950</u> feet north of SE corner
WELL NUMBER <u>#4</u>	<u>2970</u> feet west of SE corner
FIELD <u>Grover North Ext.</u>	Sec. <u>15</u> T <u>7</u> R <u>19W</u> E/W
	COUNTY <u>Rooks</u>
NO. OF ACRES ATTRIBUTABLE TO WELL <u>10</u>	IS SECTION <u>x</u> REGULAR <u> </u> IRREGULAR?
DESCRIPTION OF ACREAGE <u>NE NE NW</u>	IF IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.



In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same common source or supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

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

Signature of Operator or Agent D Ann Durman
Date 4-4-91 Title Rig Coordinator