

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

15163-23149-0000

Expected Spud Date 3-31-91
 month day year

* 50' S of
 * SE NE NW Sec .15 Twp .17 S, Rg 19W. East
 West
 * 4240 feet from South line of Section
 * 2970 feet from East line of Section
 (Note: Locate well on Section Plat on Reverse Side)

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

County: Rooks
 Lease Name: Burton Well #: 3
 Field Name: Grover North Ext
 Is this a Prorated Field? yes no

CONTRACTOR: License #: 5302
 Name: Red Tiger Drilling Company

* Nearest lease or unit boundary: 1140
 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: 345
 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

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

DWR Permit #: N/A
 Will Cores Be Taken? yes no
 If yes, proposed zone:

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

WAS: NE SW NW; 3630 FSL; 4290
 FEL; Nearest Lease = 330

AFFIDAVIT 15: 50' South of SE NE NW; 4240
 FSL; 2970 FEL; Nearest Lease = 1140

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: 3-25-91 Signature of Operator or Agent: D. Ann Drennan Date: 3-27-91 Title: Rig Coordinator

RECEIVED
 STATE CORPORATION COMMISSION
3/28/91
 MAR 28 1991

FOR KCC USE:
 API # 15-163-23,149-00-00
 Conductor pipe required None feet
 Minimum surface pipe required 250 feet per Alt. 2
 Approved by: new 4-1-91; Aug 3-7-91
 EFFECTIVE DATE: 3-12-91
 This authorization expires: 9-9-91
 (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.

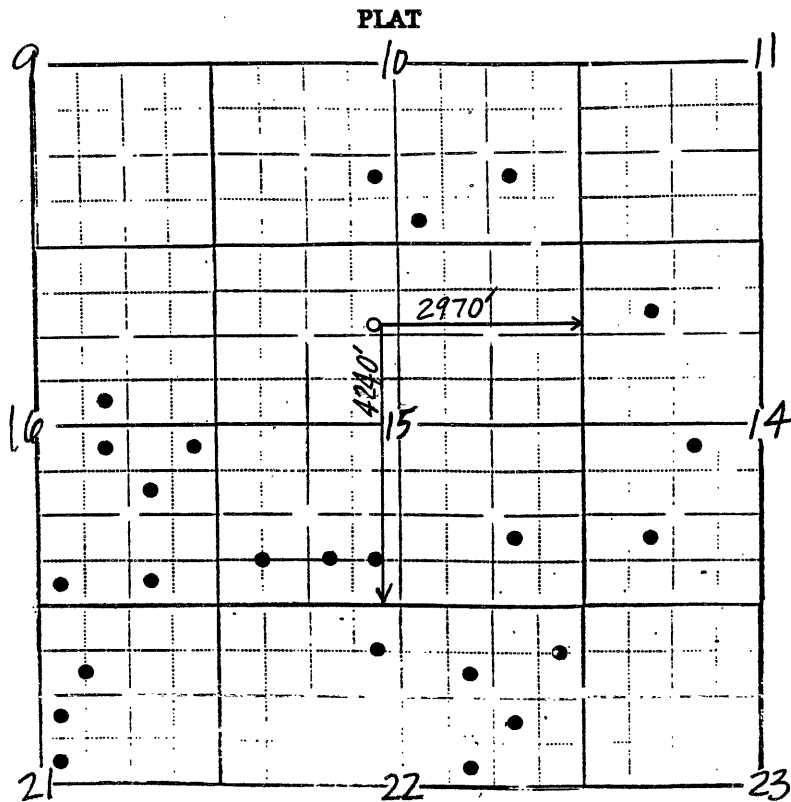
15
 7
 19W

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR Frontier Oil Company LOCATION OF WELL:
 LEASE Burton 4240 feet north of SE corner
 WELL NUMBER #3 2970 feet west of SE corner
 FIELD Grover North Ext. Sec. 15 T 7 R 19W E/W
 COUNTY Rooks
 NO. OF ACRES ATTRIBUTABLE TO WELL 10 IS SECTION x REGULAR IRREGULAR?
 DESCRIPTION OF ACREAGE 50' S of IF IRREGULAR, LOCATE WELL FROM NEAREST
SE NE NW 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 Diana Dorman

Date 3-25-91

Title Rig Coordinator