

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

Expected Spud Date May 7, 1990
month day year

C - SW NW Sec 22 Twp 29 S, Rg 13 X East West

OPERATOR: License # 6166
Name: BILL CHEW, INC.
Address: P. O. Box 90
City/State/Zip: Lyons, Kansas 67554
Contact Person: Bill Chew
Phone: 316/257-5587

3300
4620' feet from South line of Section
feet from East line of Section
(Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: 5929
Name: DUKE DRILLING CO., INC.

County: Pratt
Lease Name: Novotny Well #: 1-22
Field Name: JEM

Well Drilled For: Well Class: Type Equipment:
X Oil ... Inj X Infield X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes

Is this a Prorated Field? ... yes X ... no ✓
Target Formation(s): Miss., Simp.
Nearest lease or unit boundary: 660'
Ground Surface Elevation: Unknown 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: 220' 230'
Surface Pipe by Alternate: X 1 ... 2
Length of Surface Pipe Planned to be set: 400'
Length of Conductor pipe required: None
Projected Total Depth: 4750'
Formation at Total Depth: Simpson
Water Source for Drilling Operations:
... well ... farm pond X ... other

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:

DWR Permit #:
Will Cores Be Taken?: ... yes X ... no
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 any cementing.

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

Date: 4/30/90 Signature of Operator or Agent: James B. Phillips Title: Agent

FOR KCC USE:

API # 15- 151-21,991-00-00

Conductor pipe required NONE feet

Minimum surface pipe required 250 feet per Alt. 1 2

Approved by: DBF 5/17/90

EFFECTIVE DATE: 5/12/90

This authorization expires: 11/7/90

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

Spud date: _____ Agent: _____

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STATE CORPORATION COMMISSION

MAY 1 1990

CONSERVATION DIVISION
Wichita, Kansas

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACD-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.

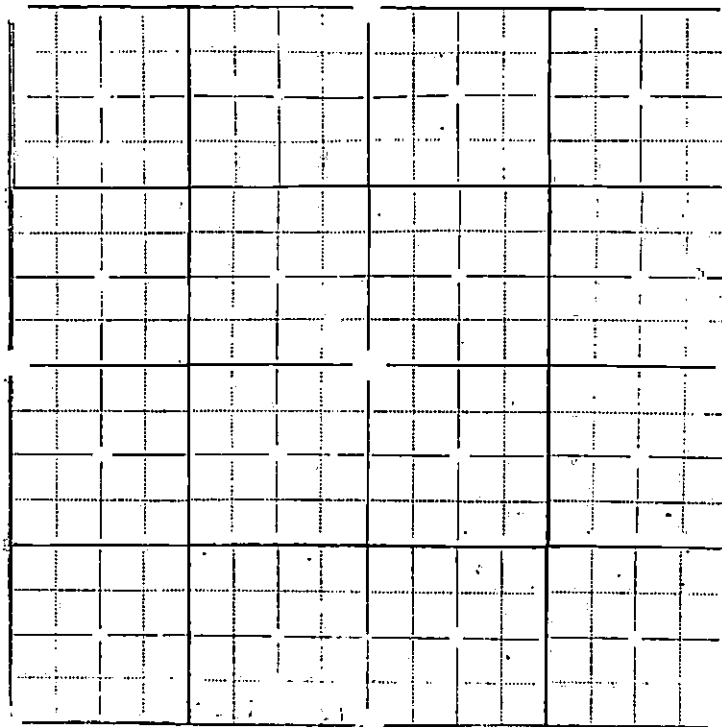
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR BILL CHEW, INC. LOCATION OF WELL:
 LEASE Novotny 3300 feet north of SE corner
 WELL NUMBER 1-22 4620 feet west of SE corner
 FIELD JEM NW Sec. 22 T 29S R 13 ~~NE~~W
 COUNTY Pratt
 NO. OF ACRES ATTRIBUTABLE TO WELL _____ IS SECTION X REGULAR _____ IRREGULAR?
 DESCRIPTION OF ACREAGE NW/4 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.

PLAT



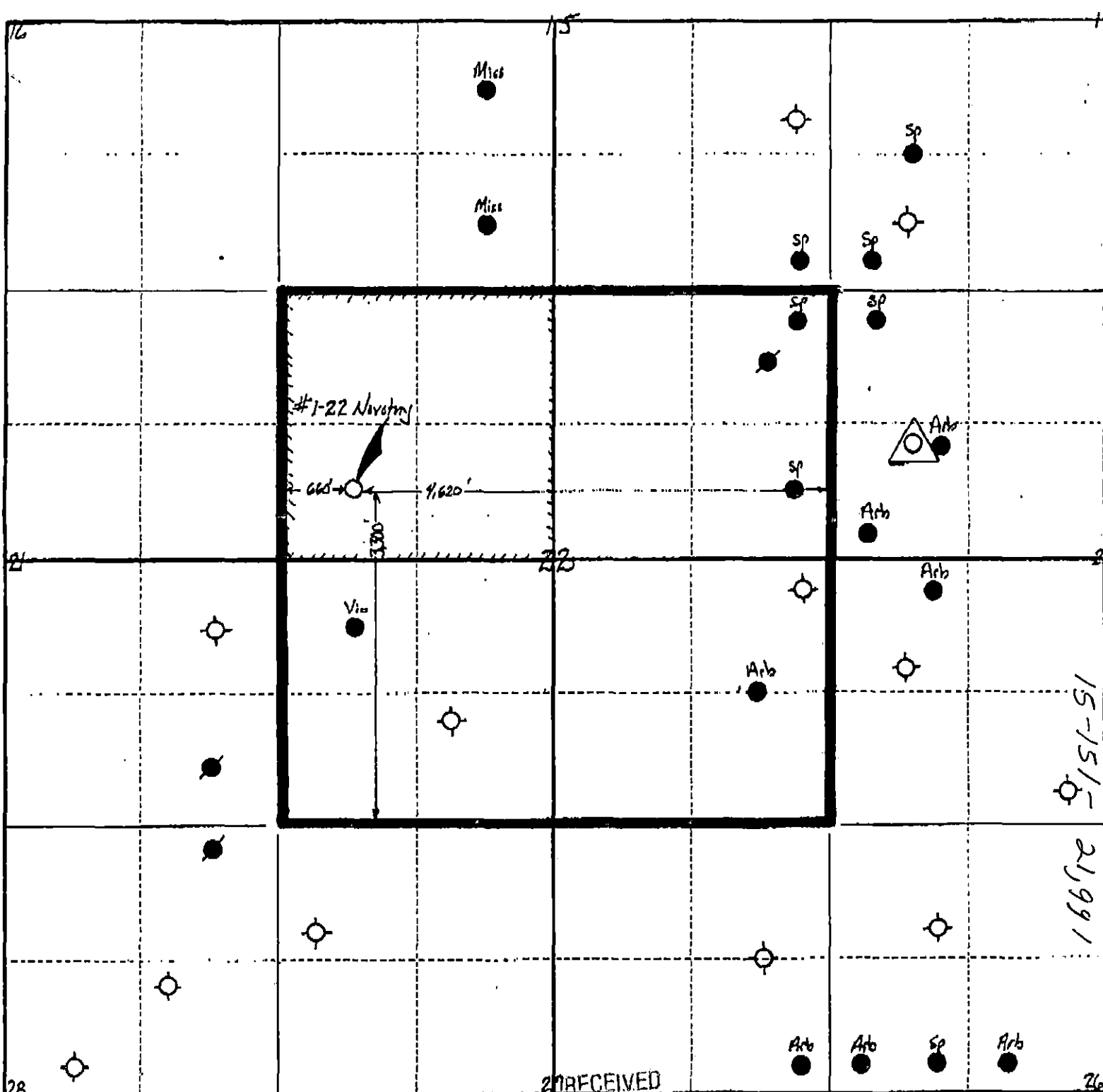
In plotting the proposed location of the well, you must show:

- 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 of 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 James B. Stebbins
 Date 4/30/90 Title Agent

Township 29s Range 13.W. County Pratt State KS



15-151-21991

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MAY 1 1990

CONSERVATION DIVISION
Wichita, Kansas

KANSAS BLUE PRINT CO. INC.
Wichita, Kansas

FORM 45