

EFFECTIVE DATE: 12-9-90

FORM MUST BE TYPED
FORM C-1 4/90

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

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

Expected Spud Date January 4 1991
month day year

C SW SW Sec 31 Twp 1 S, Rg 32 X East West

660 feet from South line of Section
4620 feet from East line of Section

(Note: Locate well on Section Plat on Reverse Side)

OPERATOR: License # 5131
Name: Thunderbird Drilling, Inc.
Address: P. O. Box 780407
City/State/Zip: Wichita, KS 67278
Contact Person: Burke B. Krueger
Phone: 316-685-1441

County: Rawlins

Lease Name: Michel Well #: 1

Field Name: Wildcat

Is this a Prorated Field? yes X .. no

Target Formation(s): Lansing-KC

Nearest lease or unit boundary: 660'

Ground Surface Elevation: 3010 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: 200

Surface Pipe by Alternate: X 1 2

Length of Surface Pipe Planned to be set: 300

Length of Conductor pipe required: NA

Projected Total Depth: 4200

Formation at Total Depth: Lansing-KC

Water Source for Drilling Operations:

... well farm pond X other

DWR Permit #:

Will Cores Be Taken?: yes .. X .. no

If yes, proposed zone:

Well Drilled For: Well Class: Type Equipment:

X Oil ... Inj ... Infield X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal X 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 .. X .. 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: 12-3-90 Signature of Operator or Agent: Burke B. Krueger Title: Vice President

FOR KCC USE:

API # 15- 153-20,766-00-00
Conductor pipe required None feet
Minimum surface pipe required 250 feet per Alt. 1
Approved by: mmw 12-4-90
EFFECTIVE DATE: 12-9-90
This authorization expires: 6-4-91
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

RECEIVED
STATE CORPORATION COMMISSION
12-04-1990
DEC 4 1990
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 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.

32 W

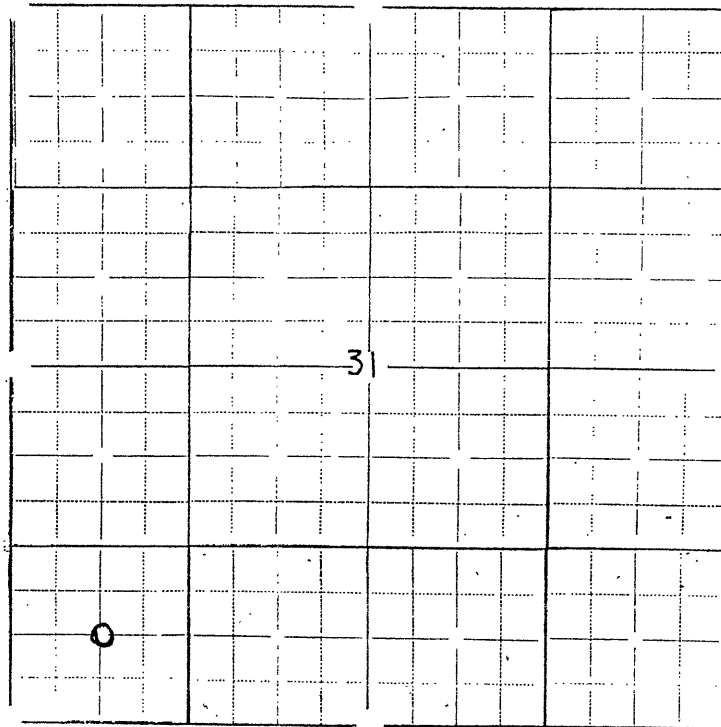
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR Thunderbird Drilling, Inc. LOCATION OF WELL:
 LEASE Michel 660 feet north of SE corner
 WELL NUMBER 1 4620 feet west of SE corner
 FIELD Wildcat Sec. 31 T 1S R 32W E/W
 COUNTY Rawlins
 NO. OF ACRES ATTRIBUTABLE TO WELL 160 IS SECTION X REGULAR IRREGULAR?
 DESCRIPTION OF ACREAGE SW/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 Dave P. Korman

Date 12-3-90 Title Vice President