

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 6-30-97
DISTRICT # 1
SSA? Yes No

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE TYPED
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 July 21 1997
month day year

APP Spot NW NW SW Sec. 8 Twp. 28 S, Rg 11 East
West

OPERATOR: License # 5278
Name: Northern Natural Gas
Address: PO Box 178
City/State/Zip: Cunningham, KS 67035
Contact Person: Dan Dobbins
Phone: 316-257-5146

SURFACE LOCATION
..... 2400 feet from South / North line of Section
..... 400 feet from East / West line of Section
IS SECTION X REGULAR _____ IRREGULAR?

CONTRACTOR: License # 5893
Name: Pratt Well Service

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Pratt
Lease Name: Goven Well #: 8-41
Field Name: Cunningham
Is this a Prorated/Spaced Field? yes X no
Target Formation(s): Simpson
Nearest lease or unit boundary: 400 ft
Ground Surface Elevation: 1786 feet MSL
Water well within one-quarter mile: X yes no
Public water supply well within one mile: yes X no
Depth to bottom of fresh water: 175 ft
Depth to bottom of usable water: 200 ft
Surface Pipe by Alternate: X 1
Length of Surface Pipe Planned to be set: 1590
Length of Conductor pipe required: 181
Projected Total Depth: 4460
Formation at Total Depth: Simpson
Water Source for Drilling Operations:
X well farm pond other

Well Drilled For: Well Class: Type Equipment:

X Oil X Enh Rec X Infield ... Mud Rotary
X Gas X Storage ... Pool Ext. ... Air Rotary
X OWWO ... Disposal ... Wildcat ... Cable
Seismic: ... # of Holes ... Other
X Other Deepen well to Simpson

If OWWO: old well information as follows:
Operator: Northern Natural Gas
Well Name: 8-41 APY 15-151-21267
Comp. Date: 4-25-83 Old Total Depth 4365

Directional Deviated or Horizontal wellbore? X yes no
If yes, true vertical depth: 4316
Bottom Hole Location: 441.3 ft at S 59-3 E

CURRENT BOTTOM HOLE LOCATION AT VIOLA
FORMATION IS 441' SE OF SURFACE 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. Notify the appropriate district office prior to spudding of well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of surface pipe as specified below 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;
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. 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: 5/2/97 Signature of Operator or Agent: Dan Dobbins Title: Sr. Reservoir Analyst

FOR KCC USE:
API # 15- 151-212670001
Conductor pipe required NONE feet
Minimum surface pipe required 1590 feet per Alt. (1) X
Approved by: JK 6-25-97
This authorization expires: 12-25-97
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 05 1997
CONSERVATION DIVISION
WICHITA, KS

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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 207B, Wichita, Kansas 67202.

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL IN A PRORATED OR SPACED FIELD

If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

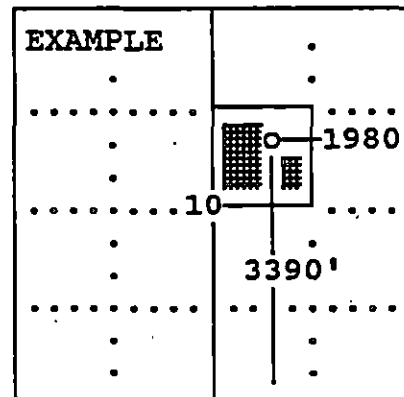
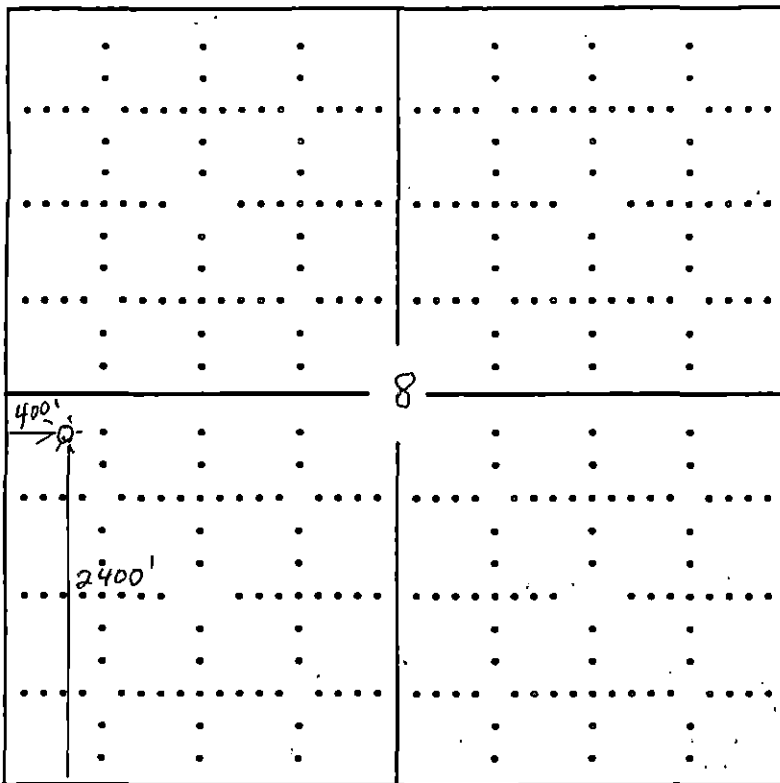
API NO. 15- _____
 OPERATOR _____ LOCATION OF WELL: COUNTY _____
 LEASE _____ feet from south/north line of section
 WELL NUMBER _____ feet from east/west line of section
 FIELD _____ SECTION _____ TWP _____ RG _____

NUMBER OF ACRES ATTRIBUTABLE TO WELL _____ IS SECTION _____ REGULAR or _____ IRREGULAR
 QTR/QTR/QTR OF ACREAGE _____ - _____ - _____ IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: _____ NE _____ NW _____ SE _____ SW

PLAT

(Show location of the well and shade attributable acreage for prorated or spaced wells.)
 (Show footage to the nearest lease or unit boundary line.)



SEWARD CO.

PRATT CO.

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 sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease or unit boundary line.