

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 5-28-97

State of Kansas

FORM MUST BE TYPED

DISTRICT # 2

NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED

SGA? Yes...No

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

ALL BLANKS MUST BE FILLED

Expected Spud Date May 19 1997
month day year

Spot APPROX East
NE SE SE SE Sec .19 Twp 27 S, Rg 10. XX 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

..... 600 feet from South North line of Section
..... 159 feet from East West line of Section
IS SECTION X REGULAR IRREGULAR

(NOTE: Locate well on the Section Plat on Reverse Side)

County: Kingman
Lease Name: Prentice Well #: 19-33
Field Name: Cunningham

CONTRACTOR: License # 5893
Name: Pratt Well Service

Is this a Prorated/Spaced Field? yes X no

Target Formation(s): Simpson
Nearest lease or unit boundary: 159 ft
Ground Surface Elevation: 1683 feet MSL

Well Drilled For: Well Class: Type Equipment:

Oil Enh Rec Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OAWO Disposal Wildcat Cable

Water well within one-quarter mile: X yes X no
Public water supply well within one mile: X yes X no

Seismic: # of Holes Other
 Other Deepen well to Simpson

Depth to bottom of fresh water: 120 ft
Depth to bottom of usable water: 300 ft 180

If OAWO: old well information as follows:
Operator: Northern Natural Gas
Well Name: 19-33 API 15-095-20690
Comp. Date: 4-5-78 Old Total Depth 4010

Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 1425
Length of Conductor pipe required: 89

Projected Total Depth: 4090
Formation at Total Depth: Simpson

Directional, Deviated or Horizontal wellbore? yes X no

Water Source for Drilling Operations:
X well farm pond other

If yes, true vertical depth:

(APPLY FOR FROM DWR)
Will Cores Be Taken?: yes X no

Bottom Hole Location:

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. 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: 5/21/97 Signature of Operator or Agent: Dan Dobbins Title: Sr. Reservoir Analyst

FOR KCC USE:
 API # 15- 095-20690 0001
 Conductor pipe required NONE feet
 Minimum surface pipe required 1425 feet per Alt. (1) X
 Approved by: JK 5-23-97
 This authorization expires: 11-23-97
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 05 1997
 5-5-97
 CONSERVATION DIVISION
 WICHITA, KS

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.

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 _____
 LEASE _____
 WELL NUMBER _____
 FIELD _____

LOCATION OF WELL: COUNTY _____
 _____ feet from south/north line of section
 _____ feet from east/west line of section
 SECTION _____ TWP _____ RG _____

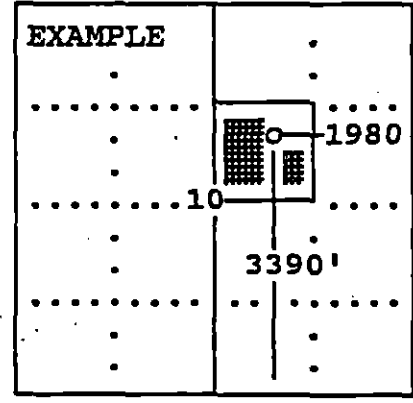
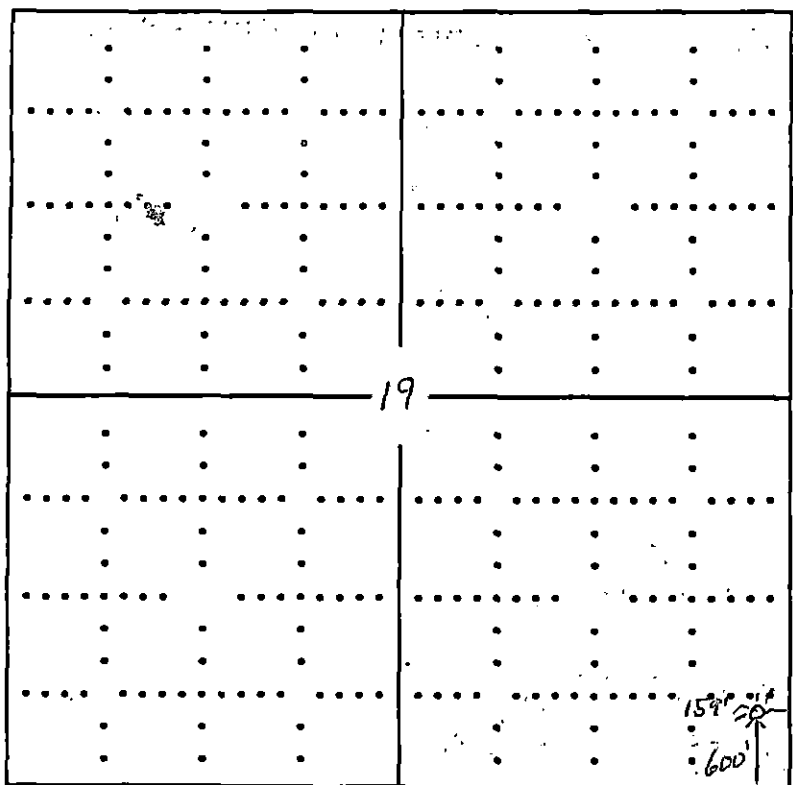
NUMBER OF ACRES ATTRIBUTABLE TO WELL _____
 QTR/QTR/QTR OF ACREAGE _____

IS SECTION _____ REGULAR or _____ IRREGULAR
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.

KINGMAN 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.