

EFFECTIVE DATE: 6-10-97

State of Kansas

FORM MUST BE TYPED

DISTRICT # 2

NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED

SEA? 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 June 9 1997
month day year

Spot APPROX. SE SW SW SE Sec 19 Twp 27 S, Rg 10 East West

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

210 feet from South North line of Section
2106 feet from East West line of Section
IS SECTION X REGULAR IRREGULAR

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

CONTRACTOR: License # 5893
Name: Pratt Well Service

County: Kingman

Lease Name: Prentice Well #: 19-34

Field Name: Cunningham

Is this a Prorated/Spaced Field? yes no

Target Formation(s): Simpson

Nearest lease or unit boundary: 210 ft

Ground Surface Elevation: 1702 feet MSL

Water well within one-quarter mile: yes no

Public water supply well within one mile: yes no

Depth to bottom of fresh water: 120 ft

Depth to bottom of usable water: 300 ft

Surface Pipe by Alternate: 1 2

Length of Surface Pipe Planned to be set: 1421

Length of Conductor pipe required: 114

Projected Total Depth: 4132

Formation at Total Depth: Simpson

Water Source for Drilling Operations:

well farm pond other

Well Drilled For: Well Class: Type Equipment:

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

Seismic: # of Holes Other
 Other Deepen well to Simpson

If CWMO: old well information as follows:

Operator: Northern Natural Gas

Well Name: 19-34 API 15-095-20689

Comp. Date: 3-9-78 Old Total Depth 4072

Directional, Deviated or Horizontal wellbore? yes no

If yes, true vertical depth:

Bottom Hole Location:

Will Cores Be Taken? yes 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. 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- 095-206890001
 Conductor pipe required NONE feet
 Minimum surface pipe required 1421 feet per Alt.
 Approved by: JK 6-10-97
 This authorization expires: 12-10-97
 (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

102

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACC-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 2078, 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.

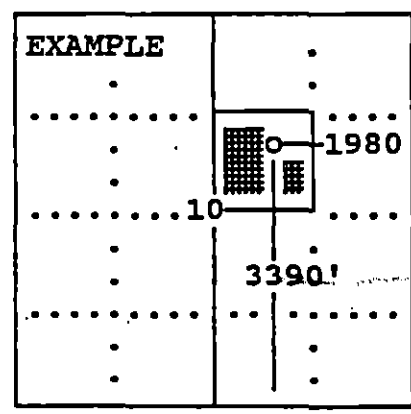
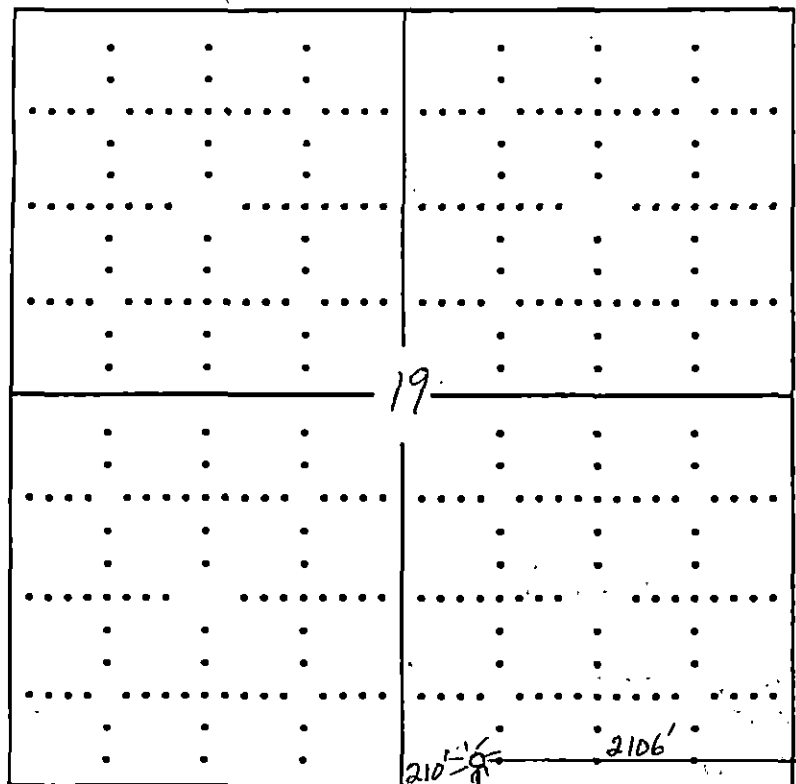
API NO. 15- _____
 OPERATOR _____ LOCATION OF WELL: COUNTY _____
 LEASE _____ feet from south/north line of section
 WELL NUMBER _____ feet from east/west line of section
 FIELD _____ SECTION _____ TWP _____ RG _____

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.

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.