

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 6-15-97
DISTRICT # 2
SGA? 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 June 9 1997
month day year

Spot APPROX.
NW NW NW NE Sec 29 Twp 27 S, Rg 10 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

250 feet from South / North line of Section
2500 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: McClellan Well #: 29-21
Field Name: Cunningham
Is this a Prorated/Spaced Field? ... yes X.. no

CONTRACTOR: License #: 5893
Name: Pratt Well Service

Target Formation(s): Simpson
Nearest lease or unit boundary: 300 ft
Ground Surface Elevation: 1660 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: 120 ft
Depth to bottom of usable water: 300 ft
Surface Pipe by Alternate: X 1 / 2
Length of Surface Pipe Planned to be set: 1361
Length of Conductor pipe required: 64
Projected Total Depth: 4265
Formation at Total Depth: Simpson
Water Source for Drilling Operations:
X well ... farm pond ... other

Well Drilled For: Well Class: Type Equipment:
... Oil ... Enh Rec X Infield ... Mud Rotary
X Gas X Storage ... Pool Ext. ... Air Rotary
X OAWO ... Disposal ... Wildcat ... Cable
... Seismic; ... # of Holes ... Other
X Other Deepen well to Simpson
If OAWO: old well information as follows:
Operator: Northern Natural Gas
Well Name: 29-21 API 15-095-20723
Comp. Date: 7-15-78 Old Total Depth 4234

Directional, Deviated or Horizontal wellbore? ... yes X.. no
If yes, true vertical depth:
Bottom Hole Location:

Will Cores Be Taken?: ... yes X.. no
If yes, proposed zone:

AFFIDAVIT

RECEIVED

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:

MAY 14 1997

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 stratigraphic formation;
4. If the well is dry hole, an agreement between the operator and the district office on plugging 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 5/13/97 Signature of Operator or Agent: Dan Dobbins Title: Sr. Reservoir Analyst

FOR KCC USE:
API # 15- 095-207230001
Conductor pipe required NONE feet
Minimum surface pipe required 1361 feet per Alt. (1) X
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

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 2078, Wichita, Kansas 67202.

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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.

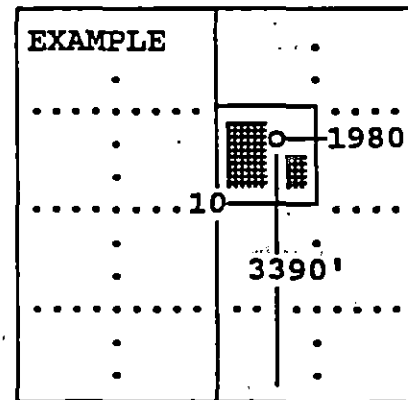
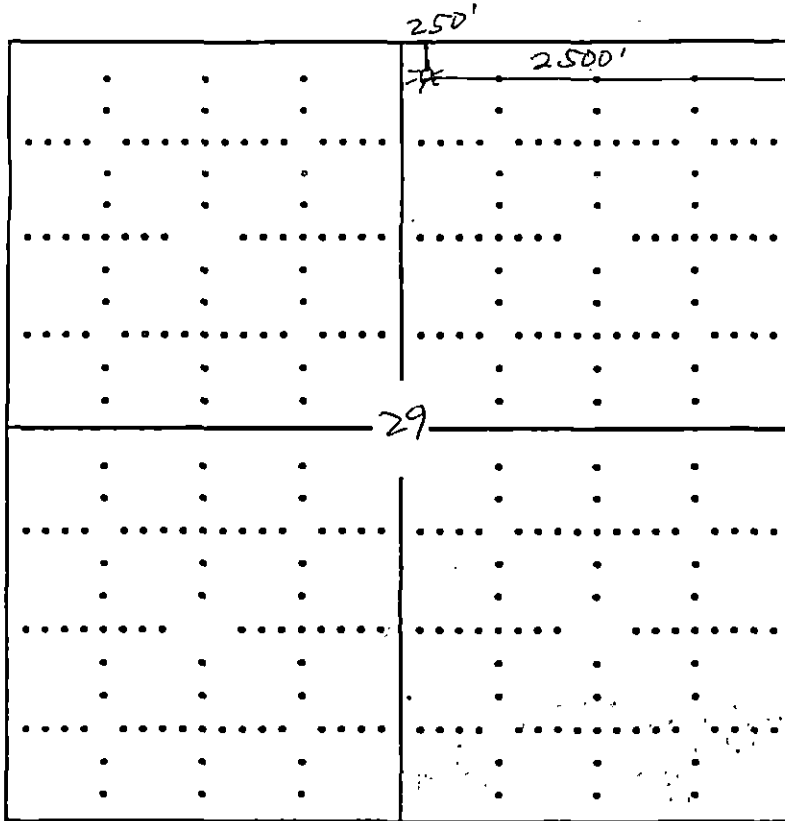
API NO. 15- _____
 OPERATOR _____ LOCATION OF WELL: COUNTY _____
 LEASE _____ feet from south/north line of section
 WELL NUMBER _____ feet from east/west line of section
 FIELD _____ SECTION _____ TWP _____ RG _____

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.