

*** GAS Storage Area B.O.P. REQUIRED ***

**Gas Storage Area -
Blowout Preventer Required**

For KCC Use:
Effective Date: 10-15-05
District #: 2
SGA? Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form C-1
December 2002
Form must be Typed
Form must be Signed
All blanks must be Filled

NOTICE OF INTENT TO DRILL

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date October 20 2005
month day year

Spot East
S/2 SW NW Sec. 19 Twp. 27S S. R. 10 West
3135 +/- feet from N / S Line of Section
628 +/- feet from E / W Line of Section
Is SECTION Regular Irregular?

OPERATOR: License# 32119
Name: Northern Natural Gas Company
Address: 1111 S. 103rd St.
City/State/Zip: Omaha, NE 68124
Contact Person: Michael Loeffler
Phone: (402) 398-7103

**RECEIVED
KCC**

SEP 23 2005

CONTRACTOR: License# 5142
Name: Sterling Drilling Co.

WICHITA, KS

(Note: Locate well on the Section Plat on reverse side)
County: Kingman
Lease Name: Glenn Well #: 19-14
Field Name: Cunningham
Is this a Prorated / Spaced Field? Yes No
Target Formation(s): Viola and Simpson
Nearest Lease or (unit) boundary: 4785 +/-
Ground Surface Elevation: 1723 topo 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: 180
Depth to bottom of usable water: 200
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 1500
Length of Conductor Pipe required: 200
Projected Total Depth: 4500
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
 Well Farm Pond Other _____
DWR Permit #: 33341
(Note: Apply for Permit with DWR)
Will Cores be taken? Yes No
If Yes, proposed zone: _____

Well Drilled For: Well Class: Type Equipment:
 Oil Enh Rec Infield Mud Rotary
 Gas Storage Pool Ext. Air Rotary
 OWWO Disposal Wildcat Cable
 Seismic; # of Holes Other
 Other _____

If OWWO: old well information as follows:
Operator: _____
Well Name: _____
Original Completion Date: _____ Original Total Depth: _____
Directional, Deviated or Horizontal wellbore? Yes No
If Yes, true vertical depth: _____
Bottom Hole Location: _____
KCC DKT #: _____

***Drilling plan received 10-7-05**

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 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.
Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **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: 9/21/05 Signature of Operator or Agent: Michael J. Loeffler Title: Dir of Certificate

Remember to:
- File Drill Pit Application (form GDP-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.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.
 Well Not Drilled - Permit Expired
Signature of Operator or Agent: _____
Date: _____

For KCC Use ONLY
API # 15 - 09S-21999.00-00
Conductor pipe required: NONE feet
Minimum surface pipe required: 220 feet per Alt. ①
Approved by: RSP 10-10-05
This authorization expires: 4-10-06
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

19
27
10W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Plat of acreage attributable to a well in a prorated or spaced field

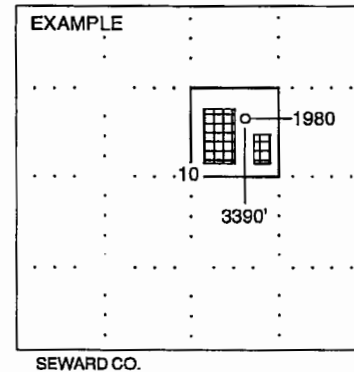
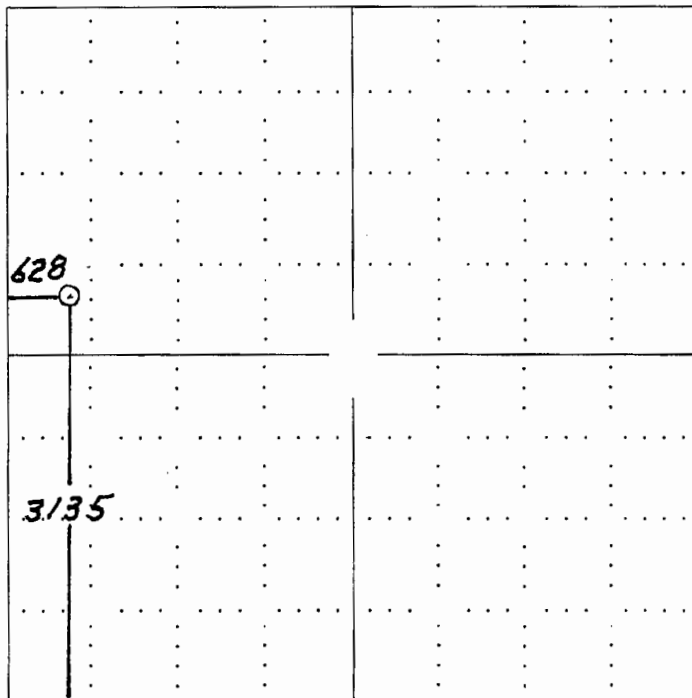
If the intended well is in a prorated or spaced field, please fully complete this side of the form. If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and 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: Northern Natural Gas Company
 Lease: Glenn
 Well Number: 19-14
 Field: Cunningham
 Number of Acres attributable to well: _____
 QTR / QTR / QTR of acreage: S/2 - SW - NW

Location of Well: County: Kingman
 3135 +/- _____ feet from N / S Line of Section
 628 +/- _____ feet from E / W Line of Section
 Sec. 19 Twp. 27S S. R. 10 East West
 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.)*



KCC RECEIVED
 SEP 23 2005
 WICHITA, KS

NOTE: In all cases locate the spot of the proposed drilling location.

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.
3. The distance to the nearest lease or unit boundary line.
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR
BRIAN J. MOLINE, CHAIR
ROBERT E. KREHBIEL, COMMISSIONER
MICHAEL C. MOFFET, COMMISSIONER

October 10, 2005

Mr. Michael Loeffler
Northern Natural Gas Company
1111 S. 103rd St.
Omaha, NE 68124

Re: Drilling Pit Application
Glenn Lease Well No. 19-14
NW/4 Sec. 19-27S-10W
Kingman County, Kansas

Dear Mr. Loeffler:

This office has been informed that steel pits are to be used at the above referenced location. **If a haul-off pit is necessary please file form CDP-1, Application for Surface Pit.** This location will have to be inspected prior to approval of the haul-off pit application.

If fluids are taken to an authorized disposal well, please call the District Office at (316) 630-4000. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

Sincerely,



Kathy Haynes
Environmental Protection and Remediation Department

Cc: D Louis