

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

VDA

Expected Spud Date... 9 month 20 day 88 year

API Number 15-163-23,019-0000

OPERATOR: License # 03446
Name Columbia Gas Development Corporation
Address P. O. Box 1350
City/State/Zip Houston, TX 77251-1350
Contact Person Jerry C. Braswell, Jr.
Phone 713/787-3400

SE. NW. SW. Sec 28 Twp. 8 S, Rg. 20
1400' Ft. from South Line of Section
4380' Ft. from East Line of Section

(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License #
Name
City/State

Nearest lease or unit boundary line 900 feet
County Rooks
Lease Name Berland Well # 28-1

Well Drilled For: Well Class: Type Equipment:
X Oil Storage Infield Mud Rotary
Gas Inj Pool Ext Air Rotary
OWWO Expl Wildcat Cable

Ground surface elevation 2064 feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water 150'
Depth to bottom of usable water 900'
Surface pipe by Alternate: 8-5/8" @ 250' 1 2 X
Surface pipe planned to be set 5-1/2"; SC @ 3602'
Conductor pipe required None
Projected Total Depth 3802 feet
Formation Arbuckle

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.

Date 9/12/88 Signature of Operator or Agent Title Regulatory Technician

For KCC Use:

Conductor Pipe Required feet; Minimum Surface Pipe Required 200' feet per Alt. X (2)
This Authorization Expires 3-13-89 Approved By LKM 9-13-88

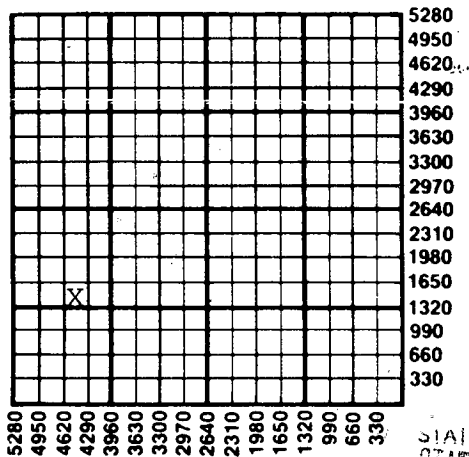
EFFECTIVE DATE: 9-18-88

Must be filed with the K.C.C. five (5) days prior to commencing well
This card void if drilling not started within six (6) months of date received by K.C.C.

Important procedures to follow:

1. Notify District office before setting surface casing.
2. Set surface casing by circulating cement to the top.
3. File completion forms ACO-1 with K.C.C. within 120 days of well spud date, following instructions on ACO-1, side 1, and including copies of wireline logs.
4. Notify District office 48 hours prior to old well workover or re-entry.
5. Prior to filing Intent, prepare a proposed plugging plan in case well is D & A, then obtain approval of plan when calling district office prior to setting surface pipe.
6. Submit plugging report (CP-4) to K.C.C. after plugging is completed.
7. Obtain an approved injection docket number before disposing of salt water.
8. Notify K.C.C. within 10 days when injection commences or terminates.

A Regular Section of Land
1 Mile = 5,280 Ft.



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SEP 13 1988
9-13-88
CONSERVATION DIVISION
Wichita, Kansas

9. If an alternate 2 completion, cement in the production pipe from below any usable water to surface within 120 days of spud date.

State Corporation Commission of Kansas
Conservation Division
200 Colorado Derby Building
Wichita, Kansas 67202-1212
(316) 263-3238