

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 3-9-98

State of Kansas

FORM MUST BE TYPED

DISTRICT # 1

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 March 15, 1998
month day year

Spot 39°N & 27°E of East
C-W/2-NE-NE Sec 13 Twp 30S Rg 12W West

OPERATOR: License # 32154
Name: SAGEBRUSH OPERATING L.L.C.
Address: 2 Steele Street - Suite 203
City/State/Zip: Denver, Colorado 80206
Contact Person: Bob Jacobsen
Phone: 303/320-3990

4659 feet from South / 963 feet from East / IS SECTION X REGULAR IRREGULAR?

CONTRACTOR: License # 5929
Name: DUKE DRILLING CO. INC.

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

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

Lease Name: McINTYRE Well #: 2-13
Field Name: KUMBERG SE

If O/W/O: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Is this a Prorated/Spaced Field? yes no
Target Formation(s): MISS. VIOLA
Nearest lease or unit boundary: 621'

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

Ground Surface Elevation: 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'
Depth to bottom of usable water: 180'

Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 300'

Length of Conductor pipe required: N/A
Projected Total Depth: 5000'

Formation at Total Depth: ARBUCKLE
Water Source for Drilling Operations:
... well ... farm pond other

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: March 3, 1998 Signature of Operator or Agent: [Signature] Title: Agent

FOR KCC USE:
 API # 15- 007-225640000
 Conductor pipe required NONE feet
 Minimum surface pipe required 200 feet per Alt. (1) X
 Approved by: [Signature] 3-4-98
 This authorization expires: 9-4-98
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAR 03 1998
 CONSERVATION DIVISION
 WICHITA, KS

13
30
124

- 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.

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.

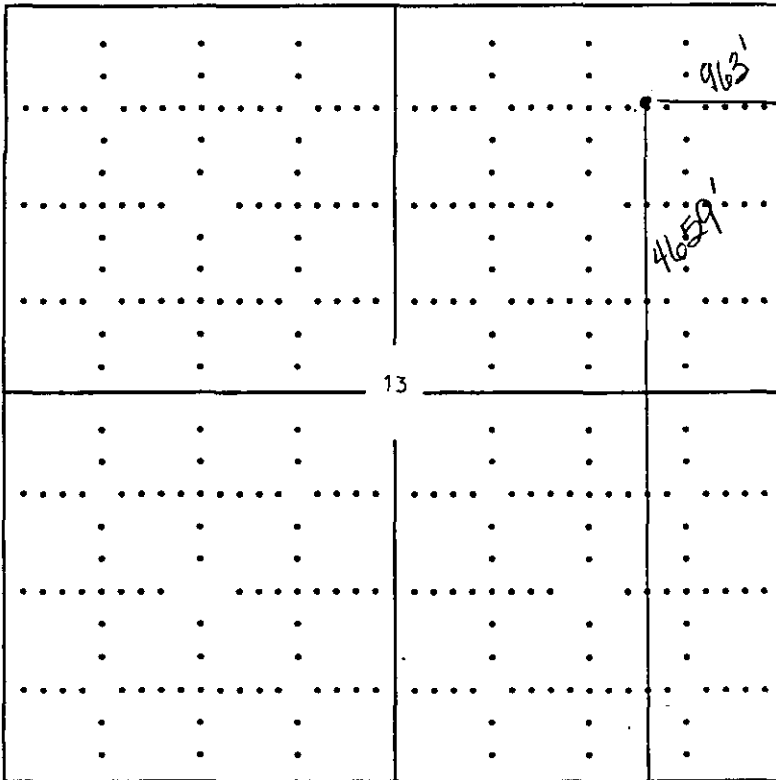
API NO. 15- _____
 OPERATOR _____ LOCATION OF WELL: COUNTY _____
 LEASE _____ feet from south/north line of section
 WELL NUMBER _____ feet from east/west line of section
 FIELD _____ SECTION _____ TWP _____ RG _____

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.**

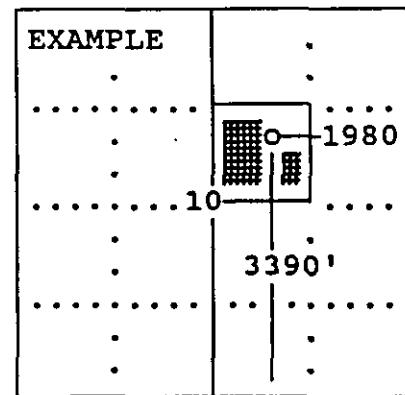
Section corner used: _____ NE _____ NW _____ SE _____ SW

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.)



BARBER COUNTY



SEWARD 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.