

FOR KCC USE:

FORM C-1 7/91

FORM MUST BE TYPED

FORM MUST BE SIGNED

EFFECTIVE DATE: 11-2-93

State of Kansas

ALL BLANKS MUST BE FILLED SGA? Yes No Must be approved by the K.C.C.

five (5) days prior to commencing well

Expected Spud Date November 13, 1993
month day year

Spot NE NE SE Sec 14 Twp 28 S, Rg 18 East West

OPERATOR: License # 3273
Name: Herman L. Loeb
Address: P. O. Box 524
City/State/Zip: Lawrenceville, IL 62439
Contact Person: George A. Payne (812) 853-3813
Phone: (618) 943-2227

2310 feet from South ~~XXXX~~ line of Section
330 feet from East / ~~XXXX~~ line of Section
IS SECTION X REGULAR _____ IRREGULAR?

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

CONTRACTOR: License #: 5929
Name: Duke Drilling

County: Kiowa
Lease Name: Hardy Well #: 2
Field Name: Hardy

Well Drilled For: Well Class: Type Equipment:

Oil Enh Rec X Infield X Mud Rotary
X Gas Storage Pool Ext. Air Rotary
OWWD Disposal Wildcat Cable
Seismic: # of Holes Other

Is this a Prorated/Spaced Field? yes X no
Target Formation(s): Mississippian
Nearest lease or unit boundary: 330 ft
Ground Surface Elevation: 220.2 feet MSL

If OWWD: old well information as follows:

Operator:
Well Name:
Comp. Date: Old Total Depth

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: 210 ft
Depth to bottom of usable water: 380 ft

Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 480 ft

Length of Conductor pipe required:
Projected Total Depth: 5,000 ft

Formation at Total Depth: Viola
Water Source for Drilling Operations:

X well farm pond other
DWR Permit #: applied for

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:

RECEIVED

KANSAS CORPORATION COMMISSION

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: 10/27/93 Signature of Operator or Agent: George A. Payne Title: Petroleum Engineer

OCT 28 1993

10-28-93

CONSERVATION DIVISION
WICHITA, KS

FOR KCC USE:
 API # 15- 097 -21357-0000
 Conductor pipe required None feet
 Minimum surface pipe required 480' feet per Alt. (X)
 Approved by: CB 10-28-93
 This authorization expires: 4-28-94
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

REMEMBER TO:

- File Drill Pit Application (from COP-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: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

14 28 18

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 Herman L. Loeb
 LEASE Hardy
 WELL NUMBER 2
 FIELD Hardy

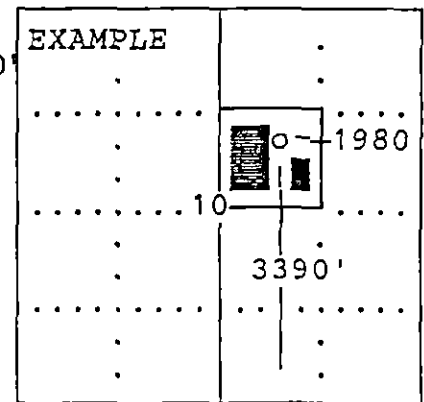
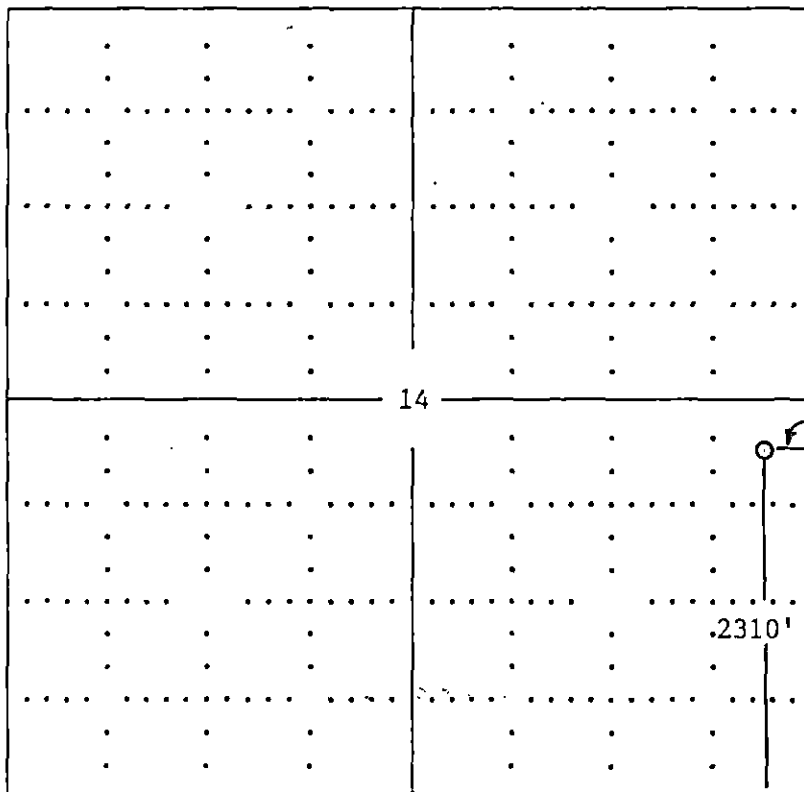
LOCATION OF WELL: COUNTY Kiowa
2310 feet from south/~~north~~ line of section
330 feet from east/~~west~~ line of section
 SECTION 14 TWP 28S RG 18W

NUMBER OF ACRES ATTRIBUTABLE TO WELL _____
 QTR/QTR/QTR OF ACREAGE _____

IS SECTION X 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.)



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.