

EFFECTIVE DATE: 10-18-94

State of Kansas

DISTRICT # 4

NOTICE OF INTENTION TO DRILL

SEAT Yes No

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 10 month 10 day 94 year
Spot SE NE Sec 19 Twp 7 S. Rg 17

OPERATOR: License # 5293
Name: Helmerich & Payne, Inc.
Address: P.O. Box 558
City/State/Zip: Garden City, KS 67846
Contact Person: Ken Jehlik
Phone: (316) 276-3693

1320 feet from South / North line of Section
1650 feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

CONTRACTOR: License #: 5929
Name: DUKE DRLG.

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

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

Lease Name: Liebenau Well #: 12-H
Field Name: Riffe
Is this a Prorated/Spaced Field? ... yes X no
Target Formation(s): Arbuckle
Nearest lease or unit boundary: 200' @ closest point
Ground Surface Elevation: 1739 feet

If OWWO: old well information as follows:

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

Water well within one-quarter mile: .X. yes
Public water supply well within one mile: .X. yes
Depth to bottom of fresh water: 55
Depth to bottom of usable water: 550
Surface Pipe by Alternate: .X. 1 2

Directional, Deviated or Horizontal wellbore? X. yes ... no

If yes, true vertical depth: 3189

Bottom Hole Location: 1409' FEL 1130' FNL

Horizontal approved by Docket 190, 780-C

(C-27, 422) AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 5101, 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 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: 10-3-94 Signature of Operator or Agent: Ken Jehlik Title: Dist. Mgr.

FOR KCC USE:
API # 15- 163-23255-01-00
Conductor pipe required 30 feet
Minimum surface pipe required 1200 feet per Alt. X
Approved by: CB 10-13-94
This authorization expires: 4-13-95
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

RECEIVED
STATE CORPORATION COMMISSION
OCT 05 1994
10-5-94

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 prorated 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.

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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 Helmerich & Payne, Inc.
 LEASE Liebenau
 WELL NUMBER 12 H
 FIELD Riffe

LOCATION OF WELL: COUNTY _____ Rooks
1320 feet from south/north line of section
1650 feet from east/west line of section
 SECTION 19 TWP 7s RG 17w

NUMBER OF ACRES ATTRIBUTABLE TO WELL _____
 QTR/QTR/QTR OF ACREAGE SE - NW - NE

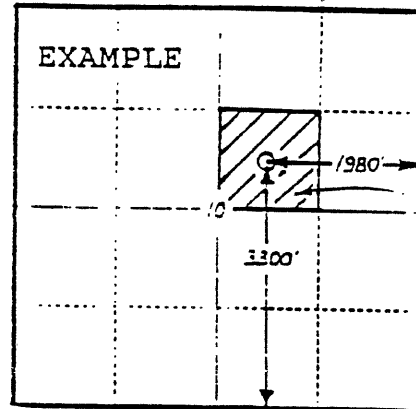
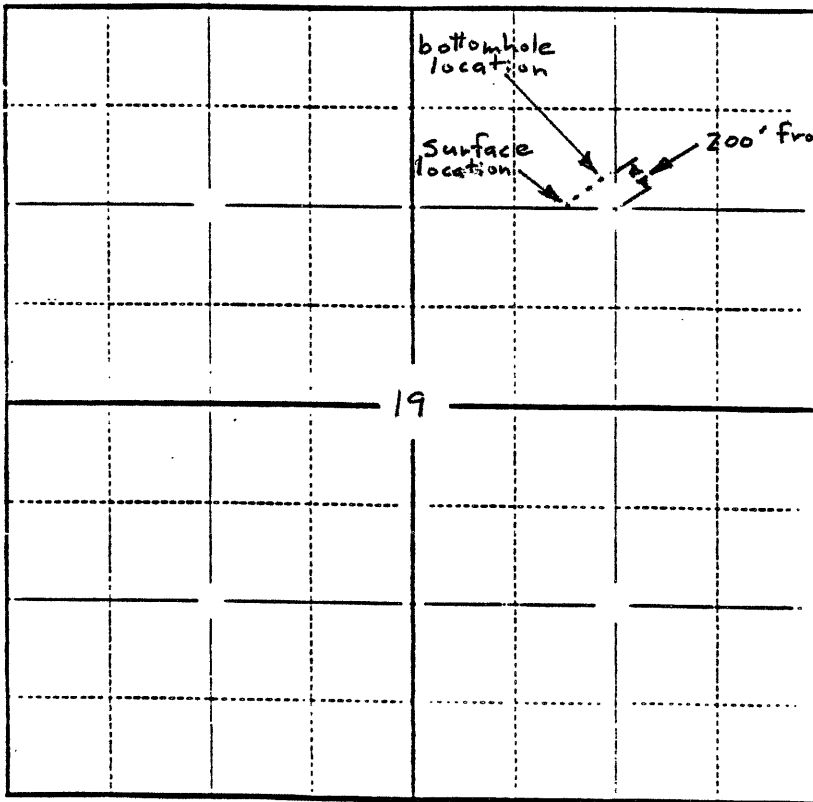
IS SECTION X REGULAR or _____ IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: X 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.)

See attached Plat for detail



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 lines; and
- 3) the distance to the nearest lease or unit boundary line.