State of Kansas
NOTICE OF INTENTION TO DRILL

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

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<th>Expected Spud Date</th>
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<th>94</th>
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OPERATOR: License # 5293
Name: Helmerich & Payne, Inc.
Address: P.O. Box 553
City/State/Zip: Garden City, KS 67846
Contact Person: Ken Johnson
Phone: (316) 279-1623

CONTRACTOR: License # 5929
Name: DUKE DRIL.

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

If OWAO: old well information as follows:

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

Directional, Deviated or Horizontal wellbore? X, yes . . . . no
If yes, true vertical depth: 3189

Bottom Hole Location: 140°9'.FNL 1310'.FNL

Horizontal approved by Docket 190, 780-C

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 5
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 the
   surface pipe shall be set through all unconsolidated materials plus a minimum of 20 feet into the underlying formation;
4. The well shall be drilled to 20,000 feet; 18 1/4" casing will be set to 12,000 feet; 16 5/8" casing will be set to 9,000 feet;
5. If the well is dry, an agreement between the operator and the district office on plug-length and plugging technique
   shall be agreed upon;
6. The appropriate district office shall be notified before well is either plugged or production casing is cemented in;

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: Lon Fiedell
Title: Dir. Mgr.

FOR ECG USE:

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<th>API # 15</th>
<th>163-23255-01-00</th>
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Conductor pipe required 30 feet
Minimum surface pipe required 1200 feet per Alt. 0 X
Approved by: C.B. 10-13-94

This authorization expires: 4-13-95
(This authorization void if drilling not started within 6 months of effective date.)

Spud date: 10-3-94

REMEMBER TO:
- File Drill Pit Application (form GCP-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 of or injecting salt water.

Mail to: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.
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

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.