

CARD MUST BE TYPED

State of Kansas

CARD MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Starting Date 3 9 88 month day year

API Number 15-163-22,990-0000

DA

OPERATOR: License # 5293

32 JR-KCC East

Name Helmerich & Payne, Inc

NW SW SE Sec. 12 Twp. 10 S, Rg. 20 West

Address P.O. Box 558

990 Ft. from South Line of Section

City/State/Zip Garden City, KS 67846

2310 Ft. from East Line of Section

Contact Person Millard L. Lindsay

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

Phone 316-276-3693

Nearest lease or unit boundary line 330 feet

CONTRACTOR: License #

County Rooks

Name R & C Drilling

Lease Name McKenna Well # 4

City/State Hays, Kansas

Ground surface elevation feet MSL

Well Drilled For: Well Class: Type Equipment:

Domestic well within 330 feet: yes no

X Oil SWD Infield X Mud Rotary

Municipal well within one mile: yes no

Gas Inj X Pool Ext. Air Rotary

Depth to bottom of fresh water 160

OWWO Expl Wildcat Cable

Depth to bottom of usable water 1100

If OWWO: old well info as follows:

Surface pipe by Alternate: 1 2 X

Operator

Surface pipe planned to be set 250

Well Name

Conductor pipe required None

Comp Date Old Total Depth

Projected Total Depth 3800 feet

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

Formation Arbuckle

Date 3-3-88 Signature of Operator or Agent Millard L. Lindsay Title District Prod. Manager

For KCC Use:

Conductor Pipe Required feet; Minimum Surface Pipe Required 200 feet per Alt. X(2)

This Authorization Expires 9-4-88 Approved By P.H. 3-4-88

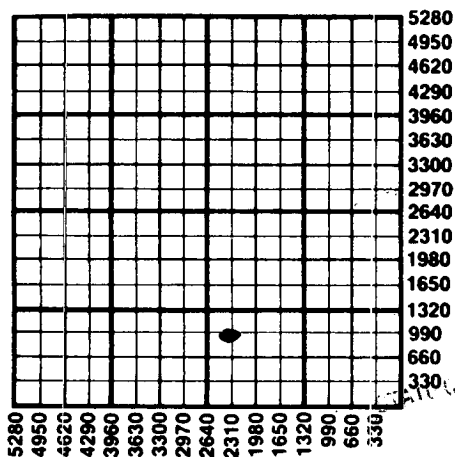
EFFECTIVE DATE: 3-9-88

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

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



APR 4 1988
03-04-88

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