

CARD MUST BE TYPED

State of Kansas
NOTICE OF INTENTION TO DRILL
(see rules on reverse side)

CARD MUST BE SIGNED

Starting Date: 4 28 85
month day year

API Number 15- 163-22,651-00-00

OPERATOR: License # 8925
Name Liberty Operations and Completions, Inc.
Address 308 West Mill
City/State/Zip Plainville, KS 67663
Contact Person David L. Comeau
Phone (913) 434-4686

NE SE SW Sec 14 Twp 9 S, Rge 17 East
(location) West

990 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well on Section Plat on reverse side)

CONTRACTOR: License # 5665
Name Pioneer Drilling Company, Inc.
City/State Plainville, Kansas

Nearest lease or unit boundary line 330 feet.
County Rooks

Lease Name Howat Well# 2

Domestic well within 330 feet: yes no
Municipal well within one mile: yes no

Well Drilled For: Well Class: Type Equipment:
 Oil Swd Infield Mud Rotary
 Gas Inj Pool Ext. Air Rotary
 OWWO Expl Wildcat Cable

Depth to Bottom of fresh water 100 feet
Lowest usable water formation Dakota

Depth to Bottom of usable water 800 feet

Surface pipe by Alternate: 1 2

Surface pipe to be set 200 feet

Conductor pipe if any required N/A feet

Ground surface elevation feet MSL

This Authorization Expires 9-18-85

Approved By 3-18-85 *[Signature]*

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth
Projected Total Depth 3458 feet
Projected Formation at TD Arbuckle
Expected Producing Formations Arbuckle

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

Date 3-15-85 Signature of Operator or Agent *[Signature]*

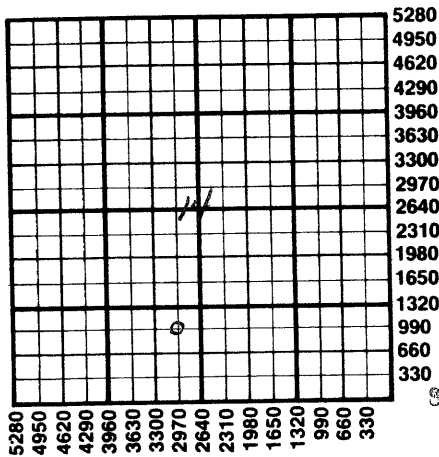
Title Vice Pres

mhc/wkhe 3-18-85

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 :

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



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 plugging, prepare a plugging plan, then obtain agreement from the appropriate district office for an approved plugging plan.
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.

RECEIVED
STATE CORPORATION COMMISSION

3/18/85
MAR 18 1985

State Corporation Commission of Kansas

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

CONSERVATION DIVISION
Wichita, Kansas