

EFFECTIVE DATE: 12-23-89

FORM MUST BE TYPED
FORM C-1 12/88

State of Kansas
NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

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

Expected Spud Date 12 25 89
month day year

C... SE... NW... Sec 27... Twp 18 S, Rg 20 X East West

OPERATOR: License # 5565
Name: National Cooperative Refinery Association
Address: 1775 Sherman Street, Suite 3000
City/State/Zip: Denver, CO 80203
Contact Person: Morris Bell
Phone: (303) 861-4883

3300 feet from South line of Section
3300 feet from East line of Section

(Note: Locate well on Section Plat Below)

CONTRACTOR: License #:
Name: Undecided Advise on ACO-1

County: Rush
Lease Name: Moran Well #: 1
Field Name: Wildcat

Is this a Prorated Field? yes X no
Target Formation(s): Cherokee

Nearest lease or unit boundary: 660'
Ground Surface Elevation: 2122 feet MSL

Well Drilled For: Well Class: Type Equipment:
X Oil ... Inj ... Infield X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OAWO ... Disposal X Wildcat ... Cable
... Seismic; ... # of Holes

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

Depth to bottom of fresh water: 100' 320'
Depth to bottom of usable water: 550' 950'

Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 350'

If OAWO: old well information as follows:

Operator:
Well Name: N/A
Comp. Date: Old Total Depth

Length of Conductor pipe required: 0
Projected Total Depth: 4300'

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

Directional, Deviated or Horizontal wellbore? yes X no
If yes, total depth location:

... well farm pond other
DWR Permit #: Unknown - will file

Will Cores Be Taken?: yes X no
If yes, proposed zone:

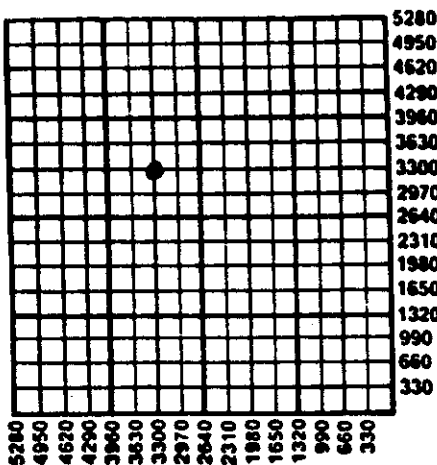
AFFIDAVIT

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. The appropriate district office shall be notified before setting surface pipe;
2. The minimum amount of surface pipe as specified above 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;
3. If the well is dry, a plugging proposal shall be submitted to the district office. An agreement between the operator and the district office on plug length and placement is necessary prior to plugging;
4. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
5. 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: 12/12/89 Signature of Operator or Agent: Morris Bell Title: District Engineer



FOR KCC USE:

API # 15- 165-21,504-0000

Conductor pipe required NONE feet

Minimum surface pipe required 320' feet per Alt. X (2)

Approved by: DPW 12-18-89

EFFECTIVE DATE: 12-23-89

This authorization expires: 6-18-90

(This authorization void if drilling not started within 6 months of effective date.)

Spud date: _____ Agent: _____

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 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.