

FORM MUST BE TYPED

EFFECTIVE DATE: 3/5/90

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 February 15, 1990

SE SW NE Sec 28 Twp 29 S, Rg 14 East West

OPERATOR: License # 5929
Name: DUKE DRILLING CO., INC.
Address: 310 West Central - Suite 117
City/State/Zip: Wichita, Kansas 67202
Contact Person: James B. Phillips
Phone: 316/267-1331

2970 feet from South line of Section
1650 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5929
Name: DUKE DRILLING CO., INC.

County: Pratt
Lease Name: Cooper Well #: 1-28
Field Name: Wildcat
Is this a Prorated field? Arbuckle yes X no
Target Formation(s):
Nearest lease or unit boundary: 1650
Ground Surface Elevation: Unknown feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water: 200-324
Depth to bottom of usable water: 220-300
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 400'
Length of Conductor pipe required: N/A
Projected Total Depth: 4700'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations: well farm pond X other
DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zones:

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

If OAWO: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

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

AFFIDAVIT

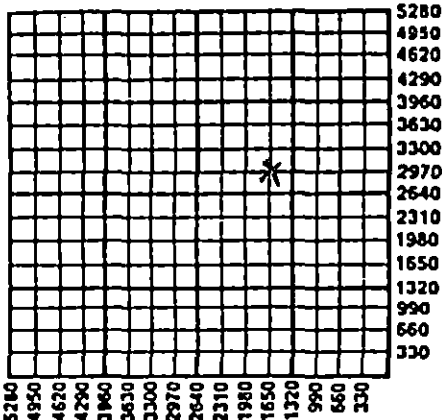
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 2/26/90 Signature of Operator or Agent: James B. Phillips Title: Exploration Manager



RECEIVED STATE CORPORATION COMMISSION 2-26-90 FEB 26 1990 CONSERVATION DIVISION Wichita, Kansas

FOR KCC USE:
API # 15- 151-21984-00-00 Dry 4-18-90
Conductor pipe required NONE feet
Minimum surface pipe required 320 feet per Alt. OX
Approved by: J.B.P. 2/28/90
EFFECTIVE DATE: 3/5/90
This authorization expires: 8/28/90
(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.

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