

FAX

FORM MUST BE TYPED
FORM C-1 12/88

EFFECTIVE DATE: 4/10/90

State of Kansas

FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

NOTICE OF INTENTION TO DRILL

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

Expected Spud Date 4 12 1990
month day year

NE SW NE Sec 3 Twp 30 S, Rg 13 X East West

OPERATOR: License # 3688
Name: 4-D Petroleum Consultants, Inc.
Address: 515 Watson
City/State/Zip: Pratt, Ks. 67124
Contact Person: Richard G. Armer
Phone: (316) 672-3157

3,630 feet from South line of Section
1,650 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5122
Name: Woodman-Ianitti

County: Barber
Lease Name: Frame "A" Well #: 2
Field Name: Sawyer

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

Is this a Prorated Field? ... yes X no
Target Formation(s): L/KC, Marm., Vio., Sp., Arb.
Nearest lease or unit boundary: 330'
Ground Surface Elevation: 1850 est. feet MSL

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

Domestic well within 330 feet: ... yes X no
Municipal well within one mile: ... yes X no
Depth to bottom of fresh water: 134'
Depth to bottom of usable water: 180'
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 250'
Length of Conductor pipe required: None
Projected Total Depth: 4,750'
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:

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

X well ... farm pond ... other
DWR Permit #: Applied for/well not yet drilled
Will Cores Be Taken?: ... yes X no
If yes, proposed zone:

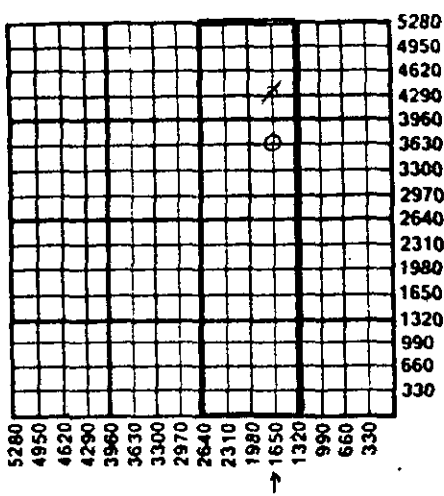
AFFIDAVIT

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: 4/2/90 Signature of Operator or Agent: [Signature] Title: Geologist



APR 0 4 1990
4-4-90
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
API # 15- 007-22,307-0000
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt (1) X
Approved by: BGF 4/10/90
EFFECTIVE DATE: 4/15/90
This authorization expires: 10/10/90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

W
30
13

- 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.