

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

Expected Spud Date August 11, 1989
month day year

SW NE NW Sec 28 Twp 16 S, Rg 11 East
West

OPERATOR: License # 9911
Name: HAR-KEN OIL COMPANY
Address: 2932 NW 22nd - Unit C
City/State/Zip: Oklahoma City, Oklahoma 73120
Contact Person: Paul Willis
Phone: 405/752-0318

4290 feet from South line of Section
3630 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5929
Name: DUKE DRILLING CO., INC. Reg. # 1

County: Barton
Lease Name: Arensman Well #: 1
Field Name: Kraft-Prusa

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

Is this a Prorated Field? yes X no
Target Formation(s): Lansing Arbuckle
Nearest lease or unit boundary: 330
Ground Surface Elevation: feet MST
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water: 230'
Depth to bottom of usable water: 360'
Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 380'
Length of Conductor pipe required: None
Projected Total Depth: 3400'
Formation at Total Depth: Arbuckle

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

Water Source for Drilling Operations:
... well ... farm pond X other
DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zone:

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

AFFIDAVIT

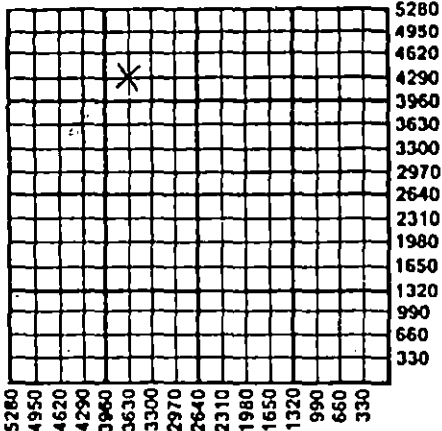
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: May 8, 1989 Signature of Operator or Agent: Sally B. Byers Title: Agent



STATE COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
JUL 20 1989
07-28-89

FOR KCC USE:
API # 15-009-24,383,000
Conductor pipe required NONE feet
Minimum surface pipe required 380 feet per Alt. 1 X
Approved by: DPW 7-28-89
EFFECTIVE DATE: 8-02-89
This authorization expires: 1-28-90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

88
16
11W

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.