

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

Expected Spud Date JULY 10 1989  
month day year

NW SW NW Sec 12 Twp 30 S, Rg 12 X East West

OPERATOR: License # 5923  
Name: AMERICAN PETROLEUM COMPANY, INC.  
Address: 3500 NORTH ROCK ROAD, BLDG, 1300  
City/State/Zip: WICHITA, KANSAS 67226  
Contact Person: JAMES T. BARVAIS  
Phone: (316) 636-5273

3630 feet from South line of Section  
4950 feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 8241  
Name: EMPHASIS OIL OPERATIONS

County: BARBER  
Lease Name: HOUSE Well #: 2  
Field Name: KUMBERG SE

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

Is this a Prorated Field? ... yes X no  
Target Formation(s): RED EAGLE & INDIAN CAVE  
Nearest lease or unit boundary: 330'  
Ground Surface Elevation: 1844' feet MSL  
Domestic well within 330 feet: ... yes X no  
Municipal well within one mile: ... yes X no  
Depth to bottom of fresh water: 180 150'  
Depth to bottom of usable water: 200 180'  
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: 4300'  
Formation at Total Depth: BKC  
Water Source for Drilling Operations:

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

X well ... farm pond ... other  
DWR Permit #: WELL EXISTING AT APPROX. C SW SW  
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**

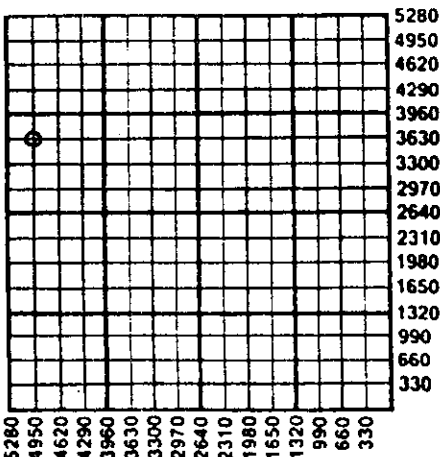
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 6-30-89 Signature of Operator or Agent: JAMES T. BARVAIS Title: PRESIDENT



RECEIVED  
STATE DEPARTMENT OF CONSERVATION  
JUN 30 1989  
6-30-89  
CONSERVATION DIVISION  
Wichita, Kansas

FOR KCC USE:  
CONDUCTOR PIPE REQUIRED NONE feet  
MINIMUM SURFACE PIPE REQUIRED 200' feet per Alt. OX  
APPROVED BY: DPW 6-30-89  
EFFECTIVE DATE: 7-05-89  
THIS AUTHORIZATION EXPIRES: 12-30-89  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

12  
30  
12W

**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.