

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

Expected Spud Date ... September 1 ... 1989  
month day year

100' E - NE - NE - NE Sec 16 Twp 18 S, Rg 26 X East West

OPERATOR: License # 3447  
Name: Ranken Energy Corporation  
Address: 2325 S.W. 15th Street  
City/State/Zip: Edmond, OK 73013  
Contact Person: Tom Larson  
Phone: (316) 792-3664

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

CONTRACTOR: License #: 8241  
Name: Emphasis Oil Operations

County: Ness  
Lease Name: BENTLEY Well #: 1-16  
Field Name: (Val Jean) UNKNOWN  
Is this a Prorated Field? yes  no   
Target Formation(s): Mississippian  
Nearest lease or unit boundary: 330  
Ground Surface Elevation: 2625 feet MSL  
Domestic well within 330 feet: yes  no   
Municipal well within one mile: yes  no   
Depth to bottom of fresh water: 180'  
Depth to bottom of usable water: 1100'  
Surface Pipe by Alternate: 1  2  
Length of Surface Pipe Planned to be set: 200'  
Length of Conductor pipe required: N/A  
Projected Total Depth: 4550'  
Formation at Total Depth: Mississippian  
Water Source for Drilling Operations:  
... well ... farm pond  other   
DWR Permit #: \_\_\_\_\_  
Will Cores Be Taken?: yes  no   
If yes, proposed zone: \_\_\_\_\_

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

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

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

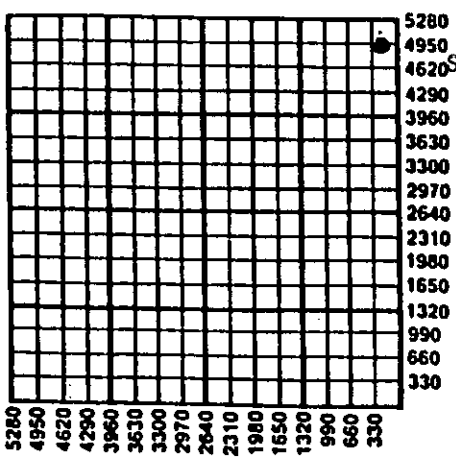
**AFFIDAVIT**

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: July 26, 1989 Signature of Operator or Agent: \_\_\_\_\_ Title: President



RECEIVED  
STATE CORPORATION COMMISSION  
7-27-89  
CONSERVATION DIVISION  
Wichita, Kansas

FOR KCC USE:

API # 15- 135-23,374-0000

Conductor pipe required NONE feet

Minimum surface pipe required 200' feet per Alt. X(2)

Approved by: DPW 8-23-89

EFFECTIVE DATE: 8-28-89

This authorization expires: 2-23-90

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

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

16  
18  
26W

- 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.