

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

**CORRECTION**

Expected Spud Date .. December 12, 1989  
month day year

SE.. SW.. NW.. Sec 20 Twp 19 S, Rg 22 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

2950  
\* 3920 feet from South line of Section  
feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 8241  
Name: Emphasis Oil Operations

County: Ness  
Lease Name: DELANEY Well #: 1-20  
Field Name: Wildcat

Well Drilled For: Well Class: Type Equipment:  
X Oil ... Inj ... Infield X Mud Rotary  
... 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): Mississippian  
\* Nearest lease or unit boundary: 1360'  
Ground Surface Elevation: 2255 feet HSL  
Domestic well within 330 feet: ... yes X.. no  
Municipal well within one mile: ... yes X.. no  
Depth to bottom of fresh water: 180'  
Depth to bottom of usable water: 420'  
Surface Pipe by Alternate: X.. 1 .... 2  
Length of Surface Pipe Planned to be set: 600'  
Length of Conductor pipe required: N/A  
Projected Total Depth: 4400  
Formation at Total Depth: Mississippian  
Water Source for Drilling Operations:

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

DWR Permit #: ..... well .... farm pond X.. other  
Will Cores Be Taken?: ..... yes X.. no  
If yes, proposed zone: N/A

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

WAS: 4050 FEL, 1230 From lease boundary  
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: 11-28-89 Signature of Operator or Agent: [Signature] Title: President

5280	4950	4620	4290	3960	3630	3300	2970	2640	2310	1980	1650	1320	990	660	330
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12-13-89  
12-14-89  
UCC 14103  
STATE COMMISSIONER

FOR KCC USE: Orig. REC. 8-18-89  
API # 15- 135-23,372-0000  
Conductor pipe required None feet.  
Minimum surface pipe required 440 feet per Alt. ① X  
Approved by: [Signature] 12-21-89  
EFFECTIVE DATE: 8-26-89  
This authorization expires: 2-21-90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

- REMEMBER TO:
- File Drill Pit Application (form COP-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.