Expected Spud Date: 11-23-90

Operator: Shamrock Resources, Inc.
Name: Patrick J. Deenihan
Contact Person: (316) 262-7106

Contractor: Murfin Drilling Company
License #: 6033

Well Drilled For: Oil, Infield, Mud Rotary

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

Directional, Deviated or Horizontal wellbore? Yes
If yes, total depth location:

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 casing 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: 11-12-90
Signature of Operator or Agent: President

Affidavit

For KCC Use:
API # 153-20-765-00-00
Conductor pipe required: 750 feet
Minimum surface pipe required: 250 feet per Alt. 0-1
Approve by: 11-14-90

Effective Date: 11-10-90
This authorization expires: 5-14-91 (This authorization void if drilling not started within 6 months of effective date.)

Spud date:

Remember:
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACD-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.

Mail to: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Shamrock Resources Inc
LEASE Cahoj
WELL NUMBER 1
FIELD Wildcat

LOCATION OF WELL: Ne \( \frac{1}{2} \) of Nw
4950' feet north of SE corner
4290' feet west of SE corner
Sec. 6 T 2 R 33 E/\( \frac{1}{2} \)

COUNTY Rawlings
IS SECTION X REGULAR IRREGULAR?
IF IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.

PLAT

In plotting the proposed location of the well, you must show:

1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding partial sections, 4 sections, 16 sections, etc.;

2) the well's location relative to the location of other wells producing from the same common source of supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;

3) the distance of the proposed drilling location from the section's east and south lines; and

4) the distance to the nearest lease or unit boundary line.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Signature of Operator or Agent

Date 11-13-90 Title PRESIDENT