

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

Expected Spud Date 12 month 11 day 90 year S/2 N/2 NW. NE.. Sec .21 Twp 18.. S, Rg 23... East  West

OPERATOR: License # 5086  
 Name: Pintail Petroleum, Ltd.  
 Address: 412 E. Douglas, Suite One  
 City/State/Zip: Wichita, KS 67202  
 Contact Person: Innes Phillips  
 Phone: 316/263-2243

4830 feet from South line of Section  
1980 feet from East line of Section  
 (Note: Locate well on Section Plat on Reverse Side)

CONTRACTOR: License #: 4958  
 Name: Mallard JV Inc.

County: Ness  
 Lease Name: Hawkinson Well #: 1  
 Field Name: UNNAMED

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

Is this a Prorated Field?  yes  no  
 Target Formation(s): Mississippi  
 Nearest lease or unit boundary: 450'  
 Ground Surface Elevation: 2400 feet MSL

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

Domestic well within 330 feet:  yes  no  
 Municipal well within one mile:  yes  no  
 Depth to bottom of fresh water: 200 990  
 Depth to bottom of usable water: 200 175  
 Surface Pipe by Alternate:  1  2  
 Length of Surface Pipe Planned to be set: 350  
 Length of Conductor pipe required: none  
 Projected Total Depth: 4400  
 Formation at Total Depth: Mississippi  
 Water Source for Drilling Operations: truck  
 well  farm pond  other

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

DWR Permit #: \_\_\_\_\_  
 Will Cores Be Taken?:  yes  no  
 If yes, proposed zone: \_\_\_\_\_

**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: 11/29/90 Signature of Operator or Agent: Walter Innes Phillips Title: President

FOR KCC USE:  
 API # 15- 135-23,536-00-00  
 Conductor pipe required None feet  
 Minimum surface pipe required 250 feet per Alt. 2  
 Approved by: MDW 11-30-90  
 EFFECTIVE DATE: 12-5-90  
 This authorization expires: 5-30-91  
 (This authorization void if drilling not started within 6 months of effective date.)  
 Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

RECEIVED  
 STATE OF KANSAS  
 CONSERVATION DIVISION  
 NOV 29 1990  
 WICHITA, KANSAS

21  
 18  
 23W

**REMEMBER TO:**

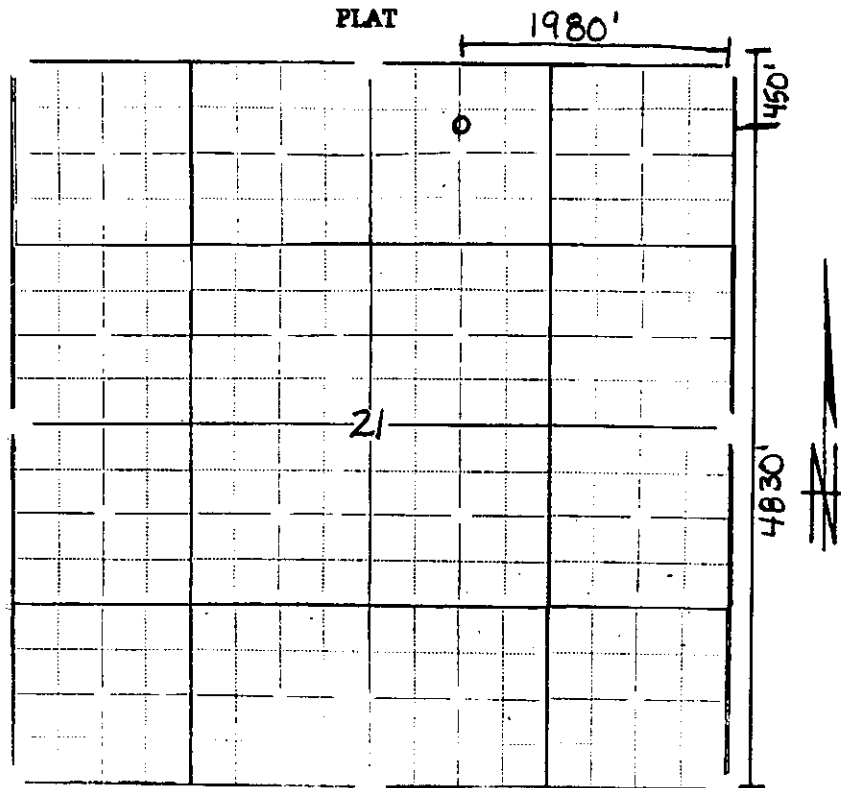
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed;
- Obtain written approval before disposing or injecting salt water.

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR Pintail Petroleum, Ltd. LOCATION OF WELL:  
LEASE Hawkinson 4830 feet north of SE corner  
WELL NUMBER #1 1980 feet west of SE corner  
FIELD \_\_\_\_\_ Sec. 21 T 18 R 23 XB/W  
COUNTY Ness  
NO. OF ACRES ATTRIBUTABLE TO WELL 160 IS SECTION X REGULAR \_\_\_\_\_ IRREGULAR?  
DESCRIPTION OF ACREAGE NE/4 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.



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 Walter James Miller

Date 11/29/90 Title President

RECEIVED  
NOV 29 1990