Expected Spud Date: 5 7 91

Operator: License #: 4767
Name: Ritchie Exploration, Inc.
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, KS 67202
Contact Person: Jeff Christian
Phone: (316) 267-4775

Contractor: License #: 30606
Name: Marlin Drilling Co.

Well Drilled For:

- Oil
- Inj
- Gas
- Storage
- Water Disposal
- Seismic

Well Class:

- Infield
- X Mud Rotary
- X Pool Ext.
- Air Rotary
- Wildcat
- Cable

Type Equipment:

If OMMO: old well information as follows:

Operator:

Well Name:

Comp. Date: Old Total Depth

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 wall 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 shall 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: 4-21-91
Signature of Operator or Agent: Jeff Christian
Title: Geologist

For KCC Use:

API # 15

Conductor pipe required: X

Minimum surface pipe required: X

Approved by: 4-16-91

Effective Date: 4-21-91

This authorization expires: 10-16-91

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

Spud Date: 4-21-91

RECEIVED

STATE CORPORATION COMMISSION
2-16-91
APR 16 1991

CONSERVATION DIVISION
Wichita, Kansas

Reminder 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 operation 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 drilling or injecting salt water.
PLAT OF ACREAGE ATTRIBUTABLE TO A WELL.

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

OPERATOR  __________ Ritchie Exploration, Inc. __________
LEASE _______________ Pakkebier __________________________
WELL NUMBER _______ 1 __________________________________
FIELD ________________ unknown __________________________

NO. OF ACRES ATTRIBUTABLE TO WELL. 10

LOCATION OF WELL:
2310 feet north of SE corner
4950 feet west of SE corner
Sec. 11  T 6  R 22  NE
COUNTY Graham

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 4/02/91
Title Geologist