FORM MUST BE TYPED **EFFECTIVE DATE:** _4-21-91_ State of Kansas

FORM C-1 4/90

FORM MUST BE SIGNED

NOTICE OF INTENTION TO DRILL

ALL BLANKS MUST BE FILLED

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

Expected Spud Date ....5....... ....7....... ....91....

        month   day   year

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) 267-4375

CONTRACTOR: License #: 30606

Name: ..... Murfin Drilling Co.

Well Drilled For:

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

If OWWO: 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: ....

NW NW SW Sec ...11... Twp ....6.... S, Rg .....22.... __ East X West

.......2310.......... feet from South line of Section

......4950............ feet from East line of Section

(Note: Locate well on Section Plat on Reverse Side)

County: .....Graham..........

Lease Name: .Pakkebier IIC. Well #: 1

Field Name: ~~unknown~~ _unnamed_

Is this a Prorated Field? .... yes .X. no

Target Formation(s): ...Lansing/Kansas City

Nearest lease or unit boundary: ......330'

Ground Surface Elevation: ....2267 est.... feet MSL

Domestic well within 330 feet: .... yes .X. no

Municipal well within one mile: .... yes .X. no

Depth to bottom of fresh water: ....~~100'~~ 200

Depth to bottom of usable water: ....~~1200'~~ 1350

Surface Pipe by Alternate: .... 1 .X. 2

Length of Surface Pipe Planned to be set: .....240'

Length of Conductor pipe required: .... none

Projected Total Depth: .....3775'

Formation at Total Depth: ....Lansing/Kansas City

Water Source for Drilling Operations:

      ... well .... farm pond ...X other

DWR Permit #: ....

Will Cores Be Taken?: .... yes .X. 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: ...4-2-91...... Signature of Operator or Agent: ...Jeff Christian... Title...Geologist

FOR KCC USE:

API # 15- _065-22632 -00-0 O_

Conductor pipe required _None_ feet

Minimum surface pipe required _220_ feet per Alt. X ②

Approved by: _DG 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: _____ Agent: _____

11

6

22c

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;
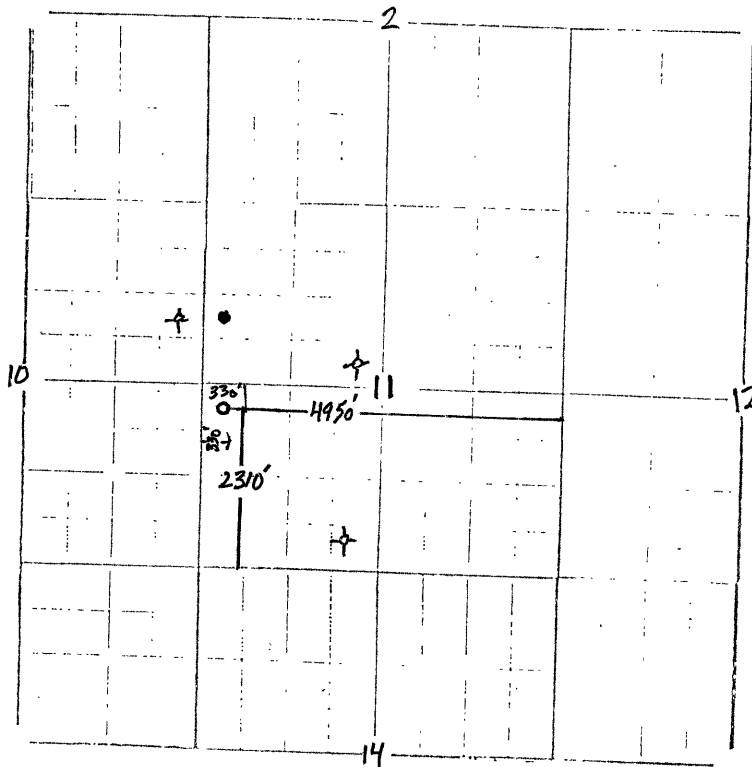- Obtain written approval before disposing or injecting salt water.

Mail to: Conservation Division, 300 Colorado Derby Building, 207 W. First St., Wichita...

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

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

OPERATOR __Ritchie Exploration, Inc.__　　LOCATION OF WELL:

LEASE __Pakkebier__

WELL NUMBER __1__

FIELD __unknown__

__2310__ feet north of SE corner

__4950__ feet west of SE corner

Sec. __11__ T __6__ R __22__ E/W

COUNTY __Graham__

NO. OF ACRES ATTRIBUTABLE TO WELL __10__

IS SECTION __X__ REGULAR ___ IRREGULAR?

DESCRIPTION OF ACREAGE __SW/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.

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 _Jeff Christian_

Date __4/02/91__　Title __Geologist__