

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

Expected Spud Date ..... 1/30/89  
month day year

NE SE NE ..... Sec 8 Twp 6 S, Rg 23  East  
 West

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

..... 3630 feet from South line of Section  
..... 330 feet from East line of Section

(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 6033  
Name: Murfin Drilling Co.

County: Graham  
Lease Name: Schuck-8A Well #: 1  
Field Name: Norham South

Is this a Prorated Field? .... yes  no  
Target Formation(s): Lansing/Kansas City

Nearest lease or unit boundary: 330'  
Ground Surface Elevation: est. 2440' feet MSL

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

Domestic well within 330 feet: .... yes  no  
Municipal well within one mile: .... yes  no

Depth to bottom of fresh water: 180  
Depth to bottom of usable water: 1450

Surface Pipe by Alternate: .... 1  2  
Length of Surface Pipe Planned to be set: 240

Length of Conductor pipe required: .....  
Projected Total Depth: 3830

Formation at Total Depth: B/KC  
Water Source for Drilling Operations:

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

... well .... farm pond  other  
DWR Permit #: .....

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

Will Cores Be Taken?: .... yes  no  
If yes, proposed zone: .....

**AFFIDAVIT**

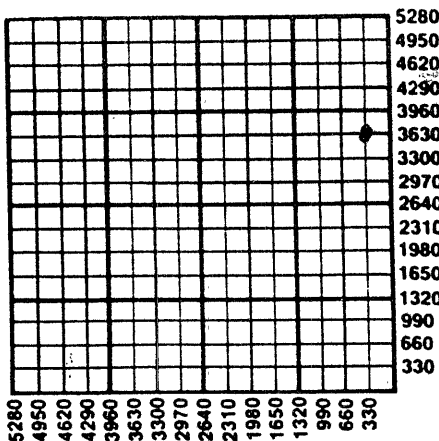
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 1/25/89 Signature of Operator or Agent: Jason Ambrose Title: Geo-technician



RECEIVED  
STATE CORPORATION COMMISSION  
JAN 25 1989  
CONSERVATION DIVISION  
Wichita, Kansas

FOR KCC USE:  
API # 15- 065-22,510-00-00  
Conductor pipe required ..... feet  
Minimum surface pipe required 200' feet per Alt.  2  
Approved by: LKM 1-25-89  
EFFECTIVE DATE: 1-30-89  
This authorization expires: 7-25-89  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**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.