

EFFECTIVE DATE: 3/21/90 Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date 3 26 90 20' W NE NE SE Sec 2 Twp 6 S, Rg 23 East  
month day year

2310 feet from South line of Section  
350 feet from East line of Section  
(Note: Locate well on Section Plat Below)

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

County: Graham  
Lease Name: Schuck-2D Well #: 1  
Field Name: unknown

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

Is this a Prorated Field? yes  no  
Target Formation(s): Lansing-KC  
Nearest lease or unit boundary: 330'

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

Ground Surface Elevation: 2366 feet MSL  
 Domestic well within 330 feet: yes no  
Municipal well within one mile: yes  no  
Depth to bottom of fresh water: 170  
Depth to bottom of usable water: 1250 / 1350  
Surface Pipe by Alternate: 1  2  
Length of Surface Pipe Planned to be set: 240  
Length of Conductor pipe required: none  
Projected Total Depth: 3800  
Formation at Total Depth: BKC  
Water Source for Drilling Operations:  
... well ... farm pond  other

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

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

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

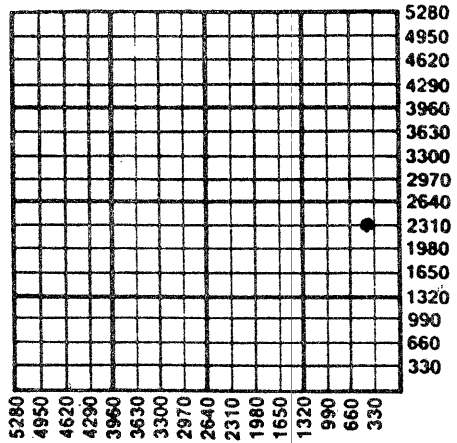
\* Notice sent to Landowner

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: March 15, 1990 Signature of Operator or Agent: Jeff Christian Title: Geologist



3-16-90  
MAR 16 1990

FOR KCC USE:  
API # 15- 065-22,560-00-00  
Conductor pipe required None feet  
Minimum surface pipe required 200 feet per Alt.   
Approved by: [Signature] 3/16/90  
EFFECTIVE DATE: 3/21/90  
This authorization expires: 9/16/90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

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23

- 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.