

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

Expected Spud Date 8/08/89
month day year

NE NW NW Sec 19 Twp 6 S, Rg 22 X 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

4950 feet from South line of Section
4290 feet from East line of Section
(Note: Locate well on Section Plat Below)

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

County: Graham
Lease Name: Virgil Jacobs "A" Well #: 1
Field Name: PETT UNKNOWN
Is this a Prorated Field? yes .X. no
Target Formation(s): Lansing/KC
Nearest lease or unit boundary: 330'
Ground Surface Elevation: 2365' feet MSL
Domestic well within 330 feet: yes .X. no
Municipal well within one mile: yes .X. no
Depth to bottom of fresh water: 150 175'
Depth to bottom of usable water: 1280 1500'
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: 3850
Formation at Total Depth: Marmaton
Water Source for Drilling Operations:
.X well farm pond other
DWR Permit #:
Will Cores Be Taken?: yes .X. no
If yes, proposed zone:

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:

AFFIDAVIT

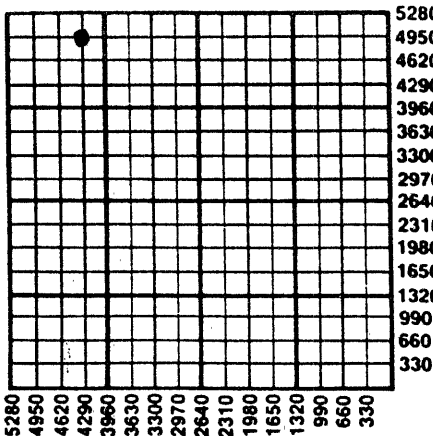
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 7/26/89 Signature of Operator or Agent: Jeff Christian Title: Geologist



RECEIVED
CONSERVATION COMMISSION
JUL 26 1989
7-26-89
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
API # 15-065-22,531-0000
Conductor pipe required NONE feet
Minimum surface pipe required 200' feet per Alt. X(2)
Approved by: DPW 7-26-89
EFFECTIVE DATE: 7-31-89
This authorization expires: 7-26-90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

19
6
22W

- 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.