

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

Expected Spud Date 7/26/89
month day year

150' E of
SW NE SE Sec 36 Twp 6 S, Rg 21 East
West

1650 feet from South line of Section
840 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: E.W. Lesage Well #: 1
Field Name: Solo Bow

Is this a Prorated Field? yes no

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

Target Formation(s): Arbuckle

Nearest lease or unit boundary: 330

Ground Surface Elevation: 2215 est. 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: 100'

Depth to bottom of usable water: 1200 1300

Surface Pipe by Alternate: 1 2

Length of Surface Pipe Planned to be set: 200

Length of Conductor pipe required: n/a

Projected Total Depth: 3750

Formation at Total Depth: Arbuckle

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 #:

Will Cores Be Taken? yes no

If yes, proposed zone:

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

AFFIDAVIT

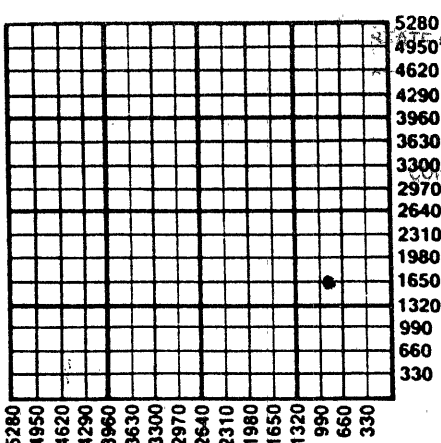
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 7/18/89 Signature of Operator or Agent: Jeff Christian Title: Geologist



RECEIVED
KANSAS COMMISSION
8 1989
7-18-89
Wichita, Kansas

FOR KCC USE:

API # 15-065-22,530 -00-00 ✓ D

Conductor pipe required NONE feet

Minimum surface pipe required 200' feet per Alt. X ②

Approved by: DPW 7-18-89

EFFECTIVE DATE: 7-23-89

This authorization expires: 1-18-90

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

Spud date: _____ Agent: _____

36
6
21W

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.