

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

Expected Spud Date 10/15/89
month day year

SW NE NE Sec 21 Twp 9 S, Rg 32 East
West

OPERATOR: License # 6033
Name: Murfin Drilling Company
Address: 250 North Water, Suite 300
City/State/Zip: Wichita, Ks. 67202
Contact Person: Todd Aikins
Phone: 316-267-3241

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

CONTRACTOR: License #: 6033
Name: Murfin Drilling Company

County: Thomas
Lease Name: Renner Well #: 2-21
Field Name: (OHL Northwest) UNKNOWN

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

Is this a Prorated Field? yes no
Target Formation(s): LKC Marmaton
Nearest lease or unit boundary: 990
Ground Surface Elevation: 3074 feet MSL
Domestic well within 330 feet: yes no
Municipal well within one mile: yes no
Depth to bottom of fresh water: 200
Depth to bottom of usable water: 2800
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 275'
Length of Conductor pipe required:
Projected Total Depth: 4750
Formation at Total Depth: Miss
Water Source for Drilling Operations:
 well farm pond other

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

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

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

AFFIDAVIT

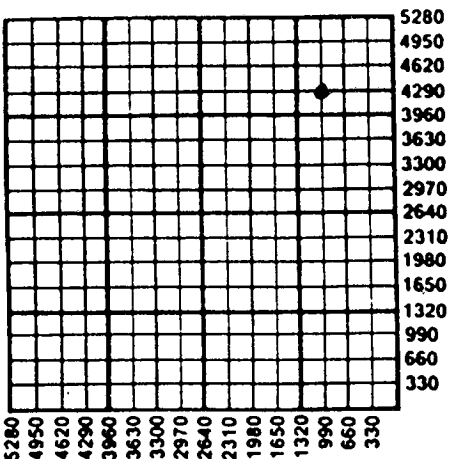
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 10-2-89 Signature of Operator or Agent: Todd Aikins Title: Geologist



RECEIVED
STATE CORPORATION COMMISSION
OCT 04 1989
10-04-1989
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
REC'D 15-193-20,487-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 250 feet per Alt.
Approved by: DPW 10-04-89
EFFECTIVE DATE: 10-07-89
(This authorization expires: 4-04-90
(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.