

EFFECTIVE DATE: 2/5/90

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

Expected Spud Date February 4, 1990 70' W NE NE NE Sec 1 Twp 9 S, Rg 17 East West

OPERATOR: License # 8735
Name: S & M OIL COMPANY
Address: 205 N. Jefferson
City/State/Zip: Plainville, KS 67663
Contact Person: Steve Crawford
Phone: 913-434-2829

CONTRACTOR: License #: 5302
Name: RED TIGER DRILLING COMPANY

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

If OMWO: 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: _____

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

County: Rooks
Lease Name: Hrabe "A" Well #: 2
Field Name: Westhusin
Is this a Prorated Field? yes X no
Target Formation(s): Lansing Kansas City
Nearest lease or unit boundary: 400'
Ground Surface Elevation: N/A feet MSL
Domestic well within 330 feet: yes X no
Municipal well within one mile: yes X no
Depth to bottom of fresh water: 165
Depth to bottom of usable water: 1000
Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 200'
Length of Conductor pipe required: N/A
Projected Total Depth: 3500
Formation at Total Depth: Arbuckle
Water Source for Drilling Operations:
well X farm pond other
DWR Permit #: N/A
Will Cores Be Taken?: yes X 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: 1-30-90 Signature of Operator or Agent: D. A. Drennan Title: Rig Coordinator
BY RED TIGER DRILLING COMPANY

Table with 10 columns and 10 rows of grid cells. To the right of the grid is a vertical list of numbers: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330.

RECEIVED
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
JAN 30 1990

FOR KCC USE:
API # 15- 163- 23,078 - 00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200 feet per Alt. X(2)
Approved by: BGF 1/30/90
EFFECTIVE DATE: 2/5/90
This authorization expires: 7/30/90
(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.