

EFFECTIVE DATE

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

3/3/90

Expected Spud Date March 20, 1990 month day year

150' E SE NW NW Sec 27 Twp 8 S, Rg 18 X West

OPERATOR: License # 6569 Name: CARMEN SCHMITT, INC Address: 14 Circle Dr. City/State/Zip: Beloit, KS 67420 Contact Person: Carmen Schmitt Phone: 913-738-3210

4290 feet from South line of Section 4140 feet from East line of Section (Note: Locate well on Section Plat Below)

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

County: Rooks Lease Name: Eckart Well #: 1 Field Name: N/A Is this a Prorated field? yes X no Target Formation(s): Arbuckle Nearest lease or unit boundary: 330 Ground Surface Elevation: 1971 GR feet MSL Domestic well within 330 feet: yes X no Municipal well within one mile: yes X no Depth to bottom of fresh water: 180 Depth to bottom of usable water: 800 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: 3450 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:

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

If OAWO: 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: 2-23-90 Signature of Operator or Agent: D. Ann Drennan Title: Rig Coordinator BY RED TIGER DRILLING CO.

Grid with elevation markers: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

RECEIVED STATE CORPORATION COMMISSION FEB 26 1990 CONSERVATION DIVISION Wichita, Kansas

FOR KCC USE: API # 15- 163-23,093-00-00 Conductor pipe required NONE feet Minimum surface pipe required 200 feet per Alt. X(2) Approved by: 2/26/90 EFFECTIVE DATE: 3/3/90 This authorization expires: 8/26/90 (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.