

EFFECTIVE DATE: 3/27/90

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

Expected Spud Date March 30, 1990
month day year

SW SE SW 33 Sec 3 Twp 3 S, Rg 28 East
X West

OPERATOR: License # 5988
Name: Halliburton Oil Producing Company
Address: 525 Central Park Dr., Central Park I-Suite 210
City/State/Zip: Oklahoma City, OK 73105
Contact Person: Jim Richardson
Phone: (405) 525-3371

330' feet from South line of Section
3265' feet from East line of Section

(Note: Locate well on Section Plat Below)

CONTRACTOR: License # 5422
Name: Abercrombie Drilling Co., Inc.
(316) 262-1841

County: Decatur
Lease Name: Vavroch Well #: 16
Field Name: Vavroch

Is this a Prorated Field? yes no
Target Formation(s): Lansing-Kansas City
Nearest lease or unit boundary: 1815'
Ground Surface Elevation: est. 2725' 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: 1750'
Surface Pipe by Alternate: 1 2
Length of Surface Pipe Planned to be set: 250'
Length of Conductor pipe required: No
Projected Total Depth: 3950'
Formation at Total Depth: Pleasanton
Water Source for Drilling Operations:
 well farm pond other

Well Drilled For: Well Class: Type Equipment:
 Oil Inj Infield 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 no
If yes, total depth location: _____

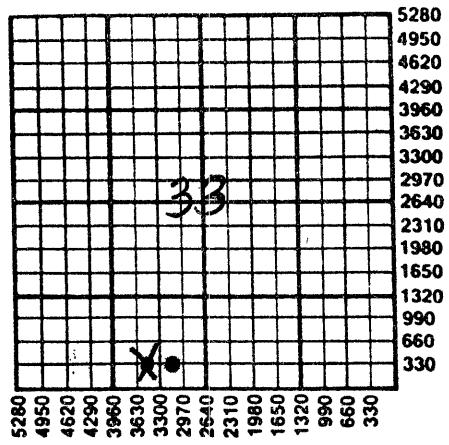
DWR Permit #: _____
Will Cores Be Taken? yes no
If yes, proposed zone: _____

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: 3/19/90 Signature of Operator or Agent: James E. Richards Title: Vice President



RECEIVED
STATE CORPORATION COMMISSION
MAR 21 1990
3201-90
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
API # 15- 039 - 20,863 - 00 - U ¹⁰ ₁₃₋₉₀
Conductor pipe required None feet
Minimum surface pipe required 25' feet per Alt. 1 2
Approved by: [Signature] 3/22/90
EFFECTIVE DATE: 3/27/90
This authorization expires: 9/22/90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

W
W
W
CC

- 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.