

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

Expected Spud Date October 16, 1989 Approx. NE SW NW Sec 35 Twp 16 S, Rg 22 X East
month day year

OPERATOR: License # 04964
Name: DCF Exploration, Inc.
Address: 940 Wadsworth Blvd. - Suite 100
City/State/Zip: Lakewood, Colorado 80215
Contact Person: Doug Frickey
Phone: (303) 232-5011

3780 feet from South line of Section
4050 feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 8241
Name: Emphasis Oil Operations

County: Ness
Lease Name: Barber Well #: 1
Field Name: (Brownell South) UNKNOWN
Is this a Prorated Field? yes X no
Target Formation(s): Cherokee Sands, Mississippian
Nearest lease or unit boundary: 330'
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: 180'
Depth to bottom of usable water: 900'
Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 200+'
Length of Conductor pipe required: _____
Projected Total Depth: 4450'
Formation at Total Depth: Mississippian
Water Source for Drilling Operations:
... well X farm pond ... other

Well Drilled For: Well Class: Type Equipment:
X Oil ... Inj X 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: _____

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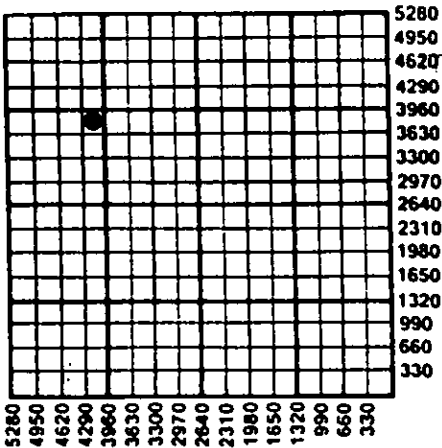
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 10/09/89 Signature of Operator or Agent: Douglas C. Frickey Title: President



RECEIVED
OCT 12 1989
DIVISION
Wichita, Kansas

FOR KCC USE:
API # 15- 135-23,393-00-00
Conductor pipe required 1600 feet
Minimum surface pipe required 200' feet per Alt. X(2)
Approved by: DPW 10-13-89
EFFECTIVE DATE: 10-18-89
This authorization expires: 4-13-90
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: _____ Agent: _____

35
16
22W

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.