

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

Expected Spud Date .. December .. 4 .. 1989 ..
month day year

Approx. SW SW SW Sec 16 Twp 20 S, Rg 33 X East West

OPERATOR: License # 5565
Name: National Cooperative Refinery Association
Address: 1775 Sherman Street, Suite 3000
City/State/Zip: Denver, CO 80203
Contact Person: Morris Bell
Phone: (303) 861-4883

390 .. feet from South line of Section
4875 .. feet from East line of Section
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 5123
Name: Pickrell Drilling Co.

County: Scott
Lease Name: Buckner Well #: 1
Field Name: Wildcat
Is this a Prorated Field? .. yes X no
Target Formation(s): Morrow
Nearest lease or unit boundary: 390'
Ground Surface Elevation: 2960 .. 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: 1300'
Surface Pipe by Alternate: .. 1 X 2
Length of Surface Pipe Planned to be set: 300'
Length of Conductor pipe required: 0'
Projected Total Depth: 5000'
Formation at Total Depth: Mississippian
Water Source for Drilling Operations:
.. well .. farm pond .. other
DWR Permit #: Unknown - will file
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
... OMWO ... Disposal .X. Wildcat ... Cable
... Seismic; ... # of Holes

If OMWO: old well information as follows:
Operator: ..
Well Name: N/A
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: 11/20/89 .. Signature of Operator or Agent: Morris Bell .. Title: District Engineer

5280	5280
4950	4950
4620	4620
4290	4290
3960	3960
3630	3630
3300	3300
2970	2970
2640	2640
2310	2310
1980	1980
1650	1650
1320	1320
990	990
660	660
330	330

RECEIVED
STATE CORPORATION COMMISSION
NOV 22 1989
CONSERVATION DIVISION
Wichita, Kansas

FOR KCC USE:
COMMISSION
API # 15- 171-20,400-00-00
Conductor pipe required NONE feet
Minimum surface pipe required 200' feet per Alt. X(2)
Approved by: DPW 11-22-89
EFFECTIVE DATE: 11-27-89
This authorization expires: 5-22-90
(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.