

EFFECTIVE DATE: 02/05/90  
Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date ..... 02/05/90 .....  
month day year

NW NE NE 19 09 21 East  
..... Sec ..... Twp ..... S, Rg ..... West

OPERATOR: License # 3007  
Name: WESTERN KANSAS EXPLORATION  
Address: P.O. BOX 126  
City/State/Zip: HAYS KS 67601  
Contact Person: STAN YOUNGER  
Phone: (913) 628-2296

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

CONTRACTOR: License #: 4083  
Name: WESTERN KANSAS DRILLING

County: GRAHAM  
Lease Name: WANDA KORTAN Well #: #1  
Field Name: MOREL  
Is this a Prorated Field? yes XX no  
Target Formation(s): ARBUCKLE  
Nearest lease or unit boundary: 330  
Ground Surface Elevation: N/A feet MSL  
Domestic well within 330 feet: yes XX no  
Municipal well within one mile: yes XX no  
Depth to bottom of fresh water: 180  
Depth to bottom of usable water: 1200  
Surface Pipe by Alternate: 1 XX2  
Length of Surface Pipe Planned to be set: 200  
Length of Conductor pipe required: \*\*\*\*\*  
Projected Total Depth: 3900  
Formation at Total Depth: ARBUCKLE  
Water Source for Drilling Operations:  
..... well ..... farm pond XX other  
DWR Permit #: .....  
Will Cores Be Taken? ..... yes XX no  
If yes, proposed zone: .....

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

If OWMO: old well information as follows:  
Operator: .....  
Well Name: .....  
Comp. Date: ..... Old Total Depth .....

Directional, Deviated or Horizontal wellbore? .... yes XX no  
If yes, total depth location: .....

**AFFIDAVIT**

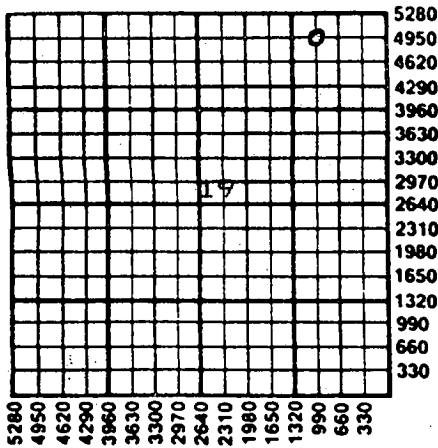
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 01/30/90 Signature of Operator or Agent: [Signature] Title: AGENT



RECEIVED  
STATE CORPORATION COMMISSION  
JAN 30 1990  
CONSERVATION DIVISION  
WICHITA, KANSAS

SEARCHED INC.  
FOR KCC USE:  
API # 15- 065-22,555-00-00  
Conductor pipe required None feet  
Minimum surface pipe required 200 feet per Alt. X2  
Approved by: [Signature] 1/31/90  
EFFECTIVE DATE: 2/5/90  
This authorization expires: 7/31/90  
(This authorization void if drilling not started within 6 months of effective date.)  
Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

19  
90  
21W

**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.