

EFFECTIVE DATE: 10-28-90

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

Expected Spud Date 11 month 5 day 90 year \* 100' W NE...SW.SW Sec .31. Twp .10. S, Rg 31. X West

OPERATOR: License # 8996  
Name: Mid Continent Resources, Inc.  
Address: P.O. Box 399  
City/State/Zip: Garden City, KS 67846  
Contact Person: Scott Corsair  
Phone: 913-398-2270

CONTRACTOR: License #: 6033  
Name: Murfin Drilling Co.

Well Drilled For: X Oil ... Inj ... X Infield ... X Mud Rotary  
... Gas ... Storage ... Pool Ext. ... Air Rotary  
... OWWO ... Disposal ... Wildcat ... Cable  
... Seismic; ... # of Holes

If OWWO: 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: \_\_\_\_\_

.....990..... feet from South line of Section  
\*.....4390..... feet from East line of Section

(Note: Locate well on Section Plat on Reverse Side)

County: Thomas  
Lease Name: Moorhaus Well #: 8  
Field Name: Campus North  
Is this a Prorated Field? .... yes X no  
Target Formation(s): L-KC, Marmaton, Cherok  
Nearest lease or unit boundary: 990'  
Ground Surface Elevation: 3040.8 feet MSL  
Domestic well within 330 feet: .... yes X no  
Municipal well within one mile: .... yes X no  
Depth to bottom of fresh water: .....150'  
Depth to bottom of usable water: .....1780'  
Surface Pipe by Alternate: .... 1 ..X 2  
Length of Surface Pipe Planned to be set: 300'  
Length of Conductor pipe required: ....NA  
Projected Total Depth: .....4700'  
Formation at Total Depth: Mississippian  
Water Source for Drilling Operations:  
..... well ..X farm pond .... other  
DWR Permit #: \_\_\_\_\_  
Will Cores Be Taken?: .... yes ..X no  
If yes, proposed zone: \_\_\_\_\_

WAS: NE SW SW; 4290 FEL

AFFIDAVIT 15:100'W of NE SW SW; 4390 FEL

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 of the best of my knowledge and belief.

Date: 5-3-91 Signature of Operator or Agent: Scott Cowan Title: Agent

FOR KCC USE:

API # 15- 193-20,528-0000  
 Conductor pipe required None feet  
 Minimum surface pipe required 300 feet per Alt. ②  
 Approved by: MLW 5-9-91, mg 10-23-90  
 EFFECTIVE DATE: 10-28-90  
 This authorization expires: 4-23-91  
 (This authorization void if drilling not started within 6 months of effective date.)  
 Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

STATE CORPORATION COMMISSION

MAY 6 1991  
05-06-91  
CONSERVATION DIVISION  
Wichita, Kansas

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.

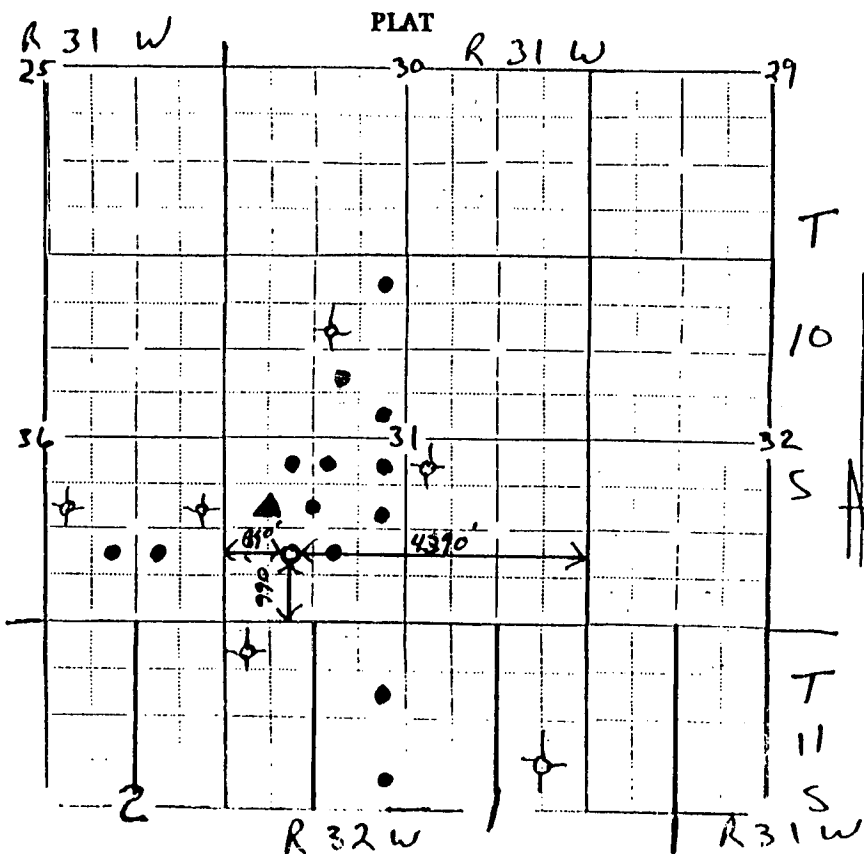
31  
10  
31W

PLAT OF ACREAGE ATTRIBUTABLE TO A WELL

State Corporation Commission, Conservation Division  
200 Colorado Derby Bldg. Wichita, Kansas 67202

OPERATOR Mid Continent Resources, LOCATION OF WELL:  
 LEASE Moorhous \_\_\_\_\_ 990 \_\_\_\_\_ feet north of SE corner  
 WELL NUMBER 8 \_\_\_\_\_ \*4390 \_\_\_\_\_ feet west of SE corner  
 FIELD Campus North \_\_\_\_\_ Sec. 31 T 10S R 31 K/W  
 COUNTY Thomas \_\_\_\_\_  
 NO. OF ACRES ATTRIBUTABLE TO WELL 10 IS SECTION X REGULAR \_\_\_\_\_ IRREGULAR?  
 DESCRIPTION OF ACREAGE NE SW SW \_\_\_\_\_ IF IRREGULAR, LOCATE WELL FROM NEAREST  
 CORNER BOUNDARY.

NOTE: If plat depicted is insufficient for your circumstances, you may attach your own scaled or surveyed plat.



In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, the section, section with 8 surrounding partial sections, 4 sections, 16 sections, etc.;
- 2) the well's location relative to the location of other wells producing from the same common source supply in adjoining drilling units, pursuant to K.A.R. 82-3-108, 82-3-207, 82-3-312, or special orders of the Commission;
- 3) the distance of the proposed drilling location from the section's east and south lines; and
- 4) the distance to the nearest lease or unit boundary line.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Signature of Operator or Agent Scott Cassari  
 Date 5-3-91 Title Geologist