

15-163-23069-00-00

FORM MUST BE SIGNED  
FORM C-1 12/88

EFFECTIVE DATE: 11-22-89

State of Kansas

NOTICE OF INTENTION TO DRILL

FORM MUST BE SIGNED  
ALL BLANKS MUST BE FILLED

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

Expected Spud Date 11-22-89  
month day year

Ap NE NE SE Sec 19 Twp 10 S, Rg 19 X East West

OPERATOR: License # 6033  
Name: Murfin Drilling Company  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Ks. 67202  
Contact Person: Todd Aikins  
Phone: 316-267-3241

2240' feet from South line of Section  
330' feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: 6033  
Name: Murfin Drilling Company

County: Rooks  
Lease Name: HENRY BERLAND Well #: 4-19  
Field Name: Marcotte  
Is this a Prorated Field? X yes  no  
Target Formation(s): LKC/Arbuckle  
Nearest lease or unit boundary: 330'  
Ground Surface Elevation: will advise feet MSL  
Domestic well within 330 feet: X yes  no  
Municipal well within one mile: X yes  no  
Depth to bottom of fresh water: 80-180'  
Depth to bottom of usable water: 900'  
Surface Pipe by Alternate: 1 X 2  
Length of Surface Pipe Planned to be set: 225'  
Length of Conductor pipe required: ---  
Projected Total Depth: 3900'  
Formation at Total Depth: Arbuckle  
Water Source for Drilling Operations:  
 well X farm pond  other  
DWR Permit #:   
Will Cores Be Taken?: X yes  no  
If yes, proposed zone:

Well Drilled For: Well Class: Type Equipment:  
X Oil ... Inj X Infield X Mud Rotary  
... Gas ... Storage X Pool Ext. ... Air Rotary  
... OWMO ... Disposal ... 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? X yes  no  
If yes, total depth location:

AFFIDAVIT

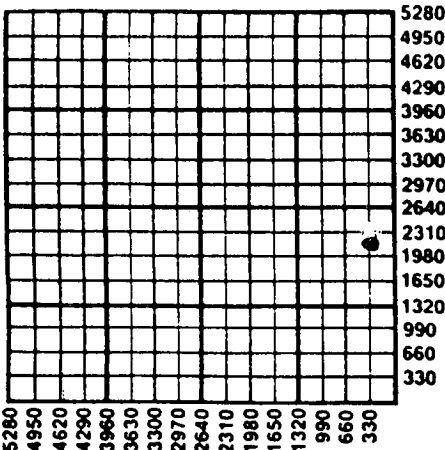
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 11-14-89 Signature of Operator or Agent: Todd Aikins Title: Geologist



CONSERVATION DIVISION  
Wichita, Kansas  
NOV 14 1989  
NOV 14 1989

MAILED

FOR KCC USE:  
API # 15-163-23,069-0000  
Conductor pipe required NONE feet  
Minimum surface pipe required 200 feet per Alt. X2  
Approved by: DPW 11-17-89  
EFFECTIVE DATE: 11-22-89  
This authorization expires: 5-17-90  
(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.