

EFFECTIVE DATE: 12-05-89

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

Expected Spud Date ..... 12 - 28 - 89 .....  
month day year

NW SW NE Sec 34 Twp 8 S, Rg 32 East  
West

OPERATOR: License # ..... 5558 .....  
Name: Dawson-Markwell Exploration Co.  
Address: 3620 N.W. 58th  
City/State/Zip: Oklahoma City, Okla. 73112  
Contact Person: Ed L. Markwell  
Phone: 405-947-2587

3630 ..... feet from South line of Section  
2310 ..... feet from East line of Section  
(Note: Locate well on Section Plat Below)

CONTRACTOR: License #: ..... 5420 .....  
Name: White & Ellis Drlg., Inc.

County: Thomas  
Lease Name: Bastin Well #: 1  
Field Name: Bastin

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

Is this a Prorated Field? ... yes  no  
Target Formation(s): Lansing, K.C., Miss.  
Nearest lease or unit boundary: 330'  
Ground Surface Elevation: 3085 est. feet MSL  
Domestic well within 330 feet: ... yes  no  
Municipal well within one mile: ... yes  no  
Depth to bottom of fresh water: 250'  
Depth to bottom of usable water: 250'  
Surface Pipe by Alternate:  1 ... 2  
Length of Surface Pipe Planned to be set: 350'  
Length of Conductor pipe required: \_\_\_\_\_  
Projected Total Depth: 4700'

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

Formation at Total Depth: Mississippi  
Water Source for Drilling Operations:  
... well ... farm pond  other

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

DWR Permit #: .....  
Will Cores Be Taken?: ... yes  no  
If yes, proposed zone: .....

AFFIDAVIT

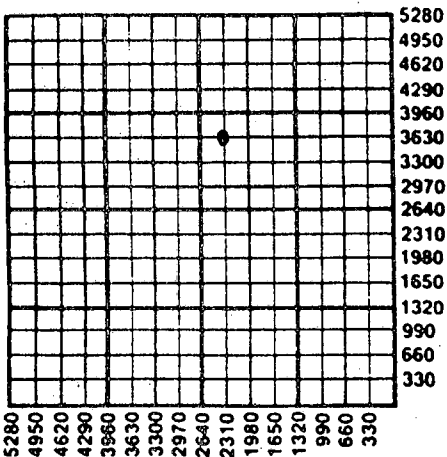
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

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: 11-27-89 Signature of Operator or Agent: *Ed L. Markwell* Title: President



RECEIVED  
NOV 28 1989  
11-28-89  
Wichita, Kansas

FOR KCC USE:

API # 15- 193-20,494 -00-00' D

Conductor pipe required NONE feet

Minimum surface pipe required 250 feet per Alt.  X

Approved by: DPW 11-30-89

EFFECTIVE DATE: 12-05-89

This authorization expires: 5-30-90

(This authorization void if drilling not started within 6 months of effective date.)

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

34  
8  
32W

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.