

OKLAHOMA CORPORATION COMMISSION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000

GEOLOGIST'S AFFIDAVIT FOR SPACING APPLICATION

Cause CD No. 200807217

**Applicants:** Chesapeake Operating, Inc. and  
Chesapeake Exploration, L.L.C.  
**Address:** P.O. Box 18496  
**City:** Oklahoma City  
**Affiant:** Adam DeVries

**Operator No.:** 17441  
**State:** OK **Zip:** 73154-0496  
**Phone:** (405) 879-8343

**Legal Description:** Section 31  
Township 12 North  
Range 7 West  
Canadian County, OK

STATE OF OKLAHOMA )  
 ) SS  
COUNTY OF OKLAHOMA )

The undersigned, being duly sworn and upon oath, states as follows:

1. I am Adam DeVries and I have been authorized by the applicants to testify to matters in this Affidavit.
2. I have previously testified before the Commission and my credentials have been accepted with respect to matters regarding geology.
3. The formation to be extended is:

| <u>Common Source of Supply</u> | <u>Depth</u> | <u>Classification</u> | <u>Unit Size</u> |
|--------------------------------|--------------|-----------------------|------------------|
| Woodford                       | 10,385'      | Gas                   | 640              |

4. By Order No. 251448, dated January 9, 1984, the Commission formed the boundaries of a 640-acre drilling and spacing unit for the Woodford common source of supply of gas in land adjoining or cornering Section 31, Township 12 North, Range 7 West of the IM, Canadian County, Oklahoma.
5. The development or trend of development in the area indicates that said Section 31 is wholly or substantially underlain by the Woodford common source of supply as established by Order No. 251448 in lands adjoining or cornering said Section 31. In the interest of securing the greatest ultimate recovery of oil and gas, preventing the various types of waste and protecting correlative rights, Order No. 1251448, as to the Woodford common source of supply, should be extended so as to enlarge and extend the boundaries of such common source of supply so as to cover and include said Section 31, which section should be formed as a 640-acre drilling and spacing unit for such common source of supply underlying such section.
6. Exhibit 1G, attached hereto and made a part hereof, is a well location and production plat showing the lands involved herein and the surrounding area. Such exhibit shows all of the wells or other boreholes drilled in and around the lands involved herein. In connection with each of the wells shown on such exhibit, there is shown the information set forth in the legend portion of such exhibit, which information includes the current operator, the original operator, cumulative oil and gas production, current oil and gas production, the completion date, the total depth,

the well name and number and by color coding, the formation or formations from which the well is producing or has produced. The open circle in the northwestern portion of the lands involved herein is the generalized representation of the proposed location for the proposed well to be drilled by Applicants in the lands covered hereby. The name and number of and the projected total depth of the proposed well is indicated on such exhibit. Such proposed well will be drilled to a depth sufficient to penetrate and test the common sources of supply covered hereby. As shown on Exhibit 1G, there is one existing well in the lands involved herein.

- 7. Exhibit 5G, attached hereto and made a part hereof, is a cross-section constructed of portions of well logs from wells identified by the cross-section index line on Exhibit 1G. I have identified on the portions of the well logs in such cross-section the Woodford common source of supply as it underlies the lands involved herein. As represented by Exhibit 5G, Section 31 is wholly or substantially underlain by the Inola common source of supply.
- 8. Field rules do not apply to this matter.
- 9. The granting of this application will prevent waste.
- 10. The granting of this application will protect correlative rights.

THE ABOVE AND FOREGOING AND ALL ATTACHED EXHIBITS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

FURTHER AFFIANT SAITH NAUGHT.

Adam DeVries  
Name: Adam DeVries  
Title: Geologist



Subscribed and sworn to before me this 23<sup>rd</sup> day of October 2008.

Allison Williams  
Notary Public

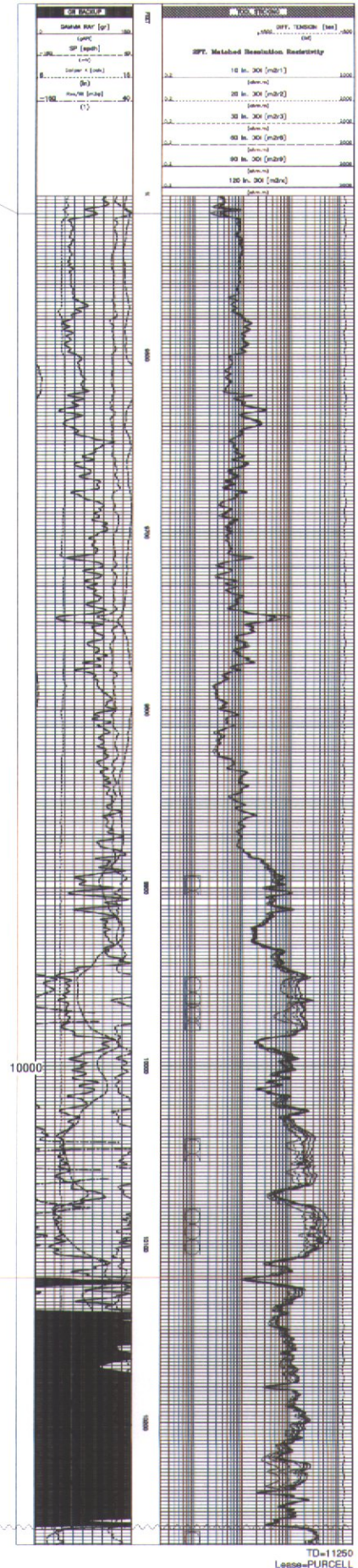
My Commission Expires: 9/11/2011 No. 07008400





A'

CHESAPEAKE  
PURCELL 1-32  
2145 FSL 1980 FEL/SE  
TWP: 12 N - Range: 7 W - Sec. 32



Hunton

TD=11500  
Lease=SHIRLEY

TD-11475

TD=11250  
Lease=PURCELL