



PERMIT FOR GAS DRILLING AND PRODUCTION

The City of Arlington hereby issues permission to conduct gas drilling and completion activities associated with the well(s) identified below.

This Gas Well Permit shall be posted in a conspicuous place on the drill site and shall not be removed without prior permission of the Gas Well Inspector. This permit shall be presented to the Inspector or any City official upon request. The terms and provisions of the "Gas Drilling and Production" Chapter of the Code of the City of Arlington, as amended, are incorporated into this Gas Well Permit as if written word for word herein and shall be considered terms and conditions of this Permit. Gas Well Permits are issued pursuant to the "Gas Drilling and Production" Chapter, as amended, and the approving zoning case, gas well resolution, and any associated stipulations made by City Council or the Inspector in accordance with City Code.

Permit Issued to:

Operator Chesapeake Operating, Inc

Agent to Receive Notice Dusty Anderson

Mailing Address 100 Energy Way

City Fort Worth State Texas Zip 76102

Work Phone (817)502-5645 Mobile Phone (817)718-6403 E-mail dusty.anderson@chk.com

Well Name(s): Barron 1HS, 2HS, 3HS, 4HS

Drill Site Name: RR Ramey Survey, A 1341 Lot/Tract 32A2A3

Address: 4011 West Division Street, Tarrant County, Arlington, Texas

Parcel and Production Unit: Barron Unit

RRC Permit Number: Barron 1HS: 709650 Barron 2HS: 709653 Barron 3HS: 709657 Barron 4HS: 709659

Well API Number: Barron 1HS: 42-439-35706 Barron 2HS: 42-439-35707 Barron 3HS: 42-439-35708 Barron 4HS: 42-439-35709

Comments:

Permits valid until 10-16-11. See Page 3 for stipulations.

Table with 4 columns: Fee, Receipt or Check No, Gas Well Permit No(s), CC approval date. Values: \$58,000.00, 125641, GW11-18 to GW11-21, 4-12-2011

Building Official signature and Date 04-20-11

Separate permits from the Community Development and Planning Department are required for building, mechanical, electrical, fire, concrete, walls/fencing, and plumbing.

The issuance of this permit shall not be construed as a permit to violate any provision of the Code of the City of Arlington, Texas or the previously approved requirements and associated site plan identified in Zoning Case SUP08-04 approved 07/01/2008 and Gas Well Resolution 11-133 approved 4-12-11.

Operator's Signature and Date 2/11/11

Dusty Anderson Printed Name

Note: Submit an electronic, color copy of a completed permit that is signed and notarized by the operator. Once issued, an electronic copy will be returned to the Operator. Page 3, Permit Stipulations, will be added at time of permit issuance.

INDEMNIFICATION AND EXPRESS NEGLIGENCE PROVISIONS:

Each gas well permit issued by the inspector shall include the following language:

OPERATOR DOES HEREBY EXPRESSLY RELEASE AND DISCHARGE, ALL CLAIMS, DEMANDS, ACTIONS, JUDGMENTS, AND EXECUTIONS WHICH IT EVER HAD, OR NOW HAS OR MAY HAVE, OR ASSIGNS MAY HAVE, OR CLAIM TO HAVE, AGAINST THE CITY OF ARLINGTON, AND/OR ITS DEPARTMENTS, AGENTS, OFFICERS, SERVANTS, SUCCESSORS, ASSIGNS, SPONSORS, VOLUNTEERS, OR EMPLOYEES, CREATED BY, OR ARISING OUT OF PERSONAL INJURIES, KNOWN OR UNKNOWN, AND INJURIES TO PROPERTY, REAL OR PERSONAL, OR IN ANY WAY INCIDENTAL TO OR IN CONNECTION WITH THE PERFORMANCE OF THE WORK PERFORMED BY THE OPERATOR UNDER A GAS WELL PERMIT. THE OPERATOR SHALL FULLY DEFEND, PROTECT, INDEMNIFY, AND HOLD HARMLESS THE CITY OF ARLINGTON, TEXAS, ITS DEPARTMENTS, AGENTS, OFFICERS, SERVANTS, EMPLOYEES, SUCCESSORS, ASSIGNS, SPONSORS, OR VOLUNTEERS FROM AND AGAINST EACH AND EVERY CLAIM, DEMAND, OR CAUSE OF ACTION AND ANY AND ALL LIABILITY, DAMAGES, OBLIGATIONS, JUDGMENTS, LOSSES, FINES, PENALTIES, COSTS, FEES, AND EXPENSES INCURRED IN DEFENSE OF THE CITY OF ARLINGTON, TEXAS, ITS DEPARTMENTS, AGENTS, OFFICERS, SERVANTS, OR EMPLOYEES, INCLUDING, WITHOUT LIMITATION, PERSONAL INJURIES AND DEATH IN CONNECTION THEREWITH WHICH MAY BE MADE OR ASSERTED BY OPERATOR, ITS AGENTS, ASSIGNS, OR ANY THIRD PARTIES ON ACCOUNT OF, ARISING OUT OF, OR IN ANY WAY INCIDENTAL TO OR IN CONNECTION WITH THE PERFORMANCE OF THE WORK PERFORMED BY THE OPERATOR UNDER A GAS WELL PERMIT. THE OPERATOR AGREES TO INDEMNIFY AND HOLD HARMLESS THE CITY OF ARLINGTON, TEXAS, ITS DEPARTMENTS, ITS OFFICERS, AGENTS, SERVANTS, EMPLOYEES, SUCCESSORS, ASSIGNS, SPONSORS, OR VOLUNTEERS FROM ANY LIABILITIES OR DAMAGES SUFFERED AS A RESULT OF CLAIMS, DEMANDS, COSTS, OR JUDGMENTS AGAINST THE CITY, ITS DEPARTMENTS, ITS OFFICERS, AGENTS, SERVANTS, OR EMPLOYEES, CREATED BY, OR ARISING OUT OF THE ACTS OR OMISSIONS OF THE CITY OF ARLINGTON OCCURRING ON THE DRILL SITE OR OPERATION SITE IN THE COURSE AND SCOPE OF INSPECTING AND PERMITTING THE GAS WELLS INCLUDING, BUT NOT LIMITED TO, CLAIMS AND DAMAGES ARISING IN WHOLE OR IN PART FROM THE NEGLIGENCE OF THE CITY OF ARLINGTON OCCURRING ON THE DRILL SITE OR OPERATION SITE IN THE COURSE AND SCOPE OF INSPECTING AND PERMITTING THE GAS WELLS. IT IS UNDERSTOOD AND AGREED THAT THE INDEMNITY PROVIDED FOR IN THIS SECTION IS AN INDEMNITY EXTENDED BY THE OPERATOR TO INDEMNIFY AND PROTECT THE CITY OF ARLINGTON, TEXAS AND/OR ITS DEPARTMENTS, AGENTS, OFFICERS, SERVANTS, OR EMPLOYEES FROM THE CONSEQUENCES OF THE NEGLIGENCE OF THE CITY OF ARLINGTON, TEXAS AND/OR ITS DEPARTMENTS, AGENTS, OFFICERS, SERVANTS, OR EMPLOYEES, WHETHER THAT NEGLIGENCE IS THE SOLE OR CONTRIBUTING CAUSE OF THE RESULTANT INJURY, DEATH, AND/OR DAMAGE.

Dusty Anderson
Operator's Signature

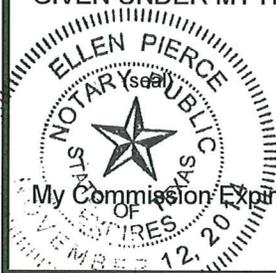
2/11/11
Date

Dusty Anderson
Printed Name

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Dusty Anderson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed same for the purposes and consideration therein expressed as the act and deed of Chesapeake Energy, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 11th day of February, 2011.

Ellen Pierce
Notary Public In and For The State of Texas



My Commission Expires: 11/12/14

Barron Drill Site Permit Stipulations

1. A sign will be displayed at the gate stating the well number, the name and number of the operator, the emergency 911 number, and the telephone numbers of two contacts.
2. Site development, other than drilling, shall be conducted only between the hours of 6:00 a.m. and 7:00 p.m.
3. During drilling, the allowable nighttime sound level is 3 dBA over ambient and the allowable level during daytime hours is 5 dBA over ambient. Fracing operations shall not exceed 7 dBA over ambient.
4. Lighting shall be directed away from all residential uses and roadways.
5. The approved water site plan limits the water withdrawal rate to a maximum of 800 gallons per minute at the locations approved.
6. Landscaping must be installed as approved on the landscape site plan. Evergreen screen trees, full to the ground, must be installed along the northwest corner of the site and the front boundary line, on the east side of the access drive, as shown on the site plan.
7. Pipeline appurtenances must be effectively screened with landscaping.
8. The transportation route to the Barron Drill Site commences at East Loop Interstate 820 (I-820) Highway. From I-820 Highway, travel east on West Division Street (SH 180) for approximately 3.44 miles to the provided access road on the north side of SH 180.
9. Due to the extent of the floodplain in this area, on-site equipment must be secured. Electrical equipment must be elevated to a height at least two feet above the 100-year flood elevation and other appurtenances must be anchored to the site.