ARLINGTON

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 Carrizo Oil & Gas, Inc.

Agent to Receive Notice Scott Hudson

Mailing Address 1000 Louisiana Street, Suite 1500

City Houston State Texas Zip 77002 -

Work Phone (713) 328-1000 Mobile Phone (___) E-mail

Well Name(s): Perr Unit #1H-5H (Amended Water Source Only)

Drill Site Name: Perr Drill Site

Address: 2825 Cooper Street

Parcel and Production Unit:

RRC Permit Number: 1H- 694551, 2H- 694552, 3H- 694553, 4H- 694554, 5H- 694555

Well API Number: 1H: 42-439-35022 2H: 42-439-35023 3H: 42-439-35024 4H: 42-439-35025 5H: 42-4739-35026

Comments:
Amended for water source change only. Perr Drill Site temporary waterline permit APPROVED, will expire 12.31.2011. The permit (TWC) is only good for 30 days.

Fee	Receipt or Check No	Gas Well Permit No(s)	CC approval date
750.00	2011-284930	GW10-48 - GW10-52	8.17.2010

Building Official

10/14/2011
Date

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 SUP 09-16 approved 01/12/10 and Gas Well Resolution 10-235 approved 8.17.2010.

Ryan Dornak
Operator's Signature

10/11/11
Date

Ryan Dornak
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.

Ryan Domak
Operator's Signature

10/11/11
Date

Ryan Domak
Printed Name

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Ryan Domak, 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 Carrizo Oil & Gas, Inc., and in the capacity therein stated.

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

BROOKSIE J. ESTRADA
MY COMMISSION EXPIRES
March 1, 2014

Brooksie J. Estrada
Notary Public In and For The State of Texas

My Commission Expires: 3/1/14

*For Carrizo Perr Drill Site: Existing Permits GW10-48_GW10-52

City of Arlington
TEMPORARY WATER LINE SUPPLEMENT

Company Name: Carrizo Oil & Gas, Inc. Date of Application: 10/10/11

Mailing Address: 1000 Louisiana Street, Suite 1500 Phone Number: 713-358-6448 (Ryan Dornak)

Contractor Name: Tan Mar (Water Transfer Company)

Contact Person: Ryan Dornak (Carrizo) Phone Number: 713-358-6448

A. PROPOSED LAYOUT (include Exhibit A, Site Plan)

1. Provide City Project Number: 10-176247 (eg 10-123456 SP)
2. Provide water source: Hydrants as shown on attached Exhibit 'A'
3. Type of pipe material: Aluminum Size of pipe: 8"
4. How many lines are proposed? 1 (*4 lines maximum*)
5. What is the distance from origin to destination, in feet?
   Line 1: 1216 Line 2: _____ Line 3: _____ Line 4: _____
6. What is the total distance in feet that utilizes public right of way and public drainage easement : 1216 feet
7. What are the days of operation *(30-day maximum)*:
   Start Date: 10/14/11 End Date: 12/10/11 11/12/11
   10.14.2011 – 11.14.2011
   11.15.2011 – 12.15.2011
8. Attach proof of consent from private property owners. (Pending)

B. ADMINISTRATIVE USE ONLY

Total feet within ROW and public drainage easement:

Line 1: 1216 **ft x $0.20:** 243

Line 2: _____ **ft x $0.20:** _____

Line 3: _____ **ft x $0.20:** _____

Line 4: _____ **ft x $0.20:** _____

Sub total: $ 1000.00 – 680
(or $1,000 minimum)

Total feet within ROW and public drainage easement: PW ROW
All Lines: 1216 **ft x $1.00**
Sub total: $ 1216.00 – 670

TOTAL FEE: $ 2216.00

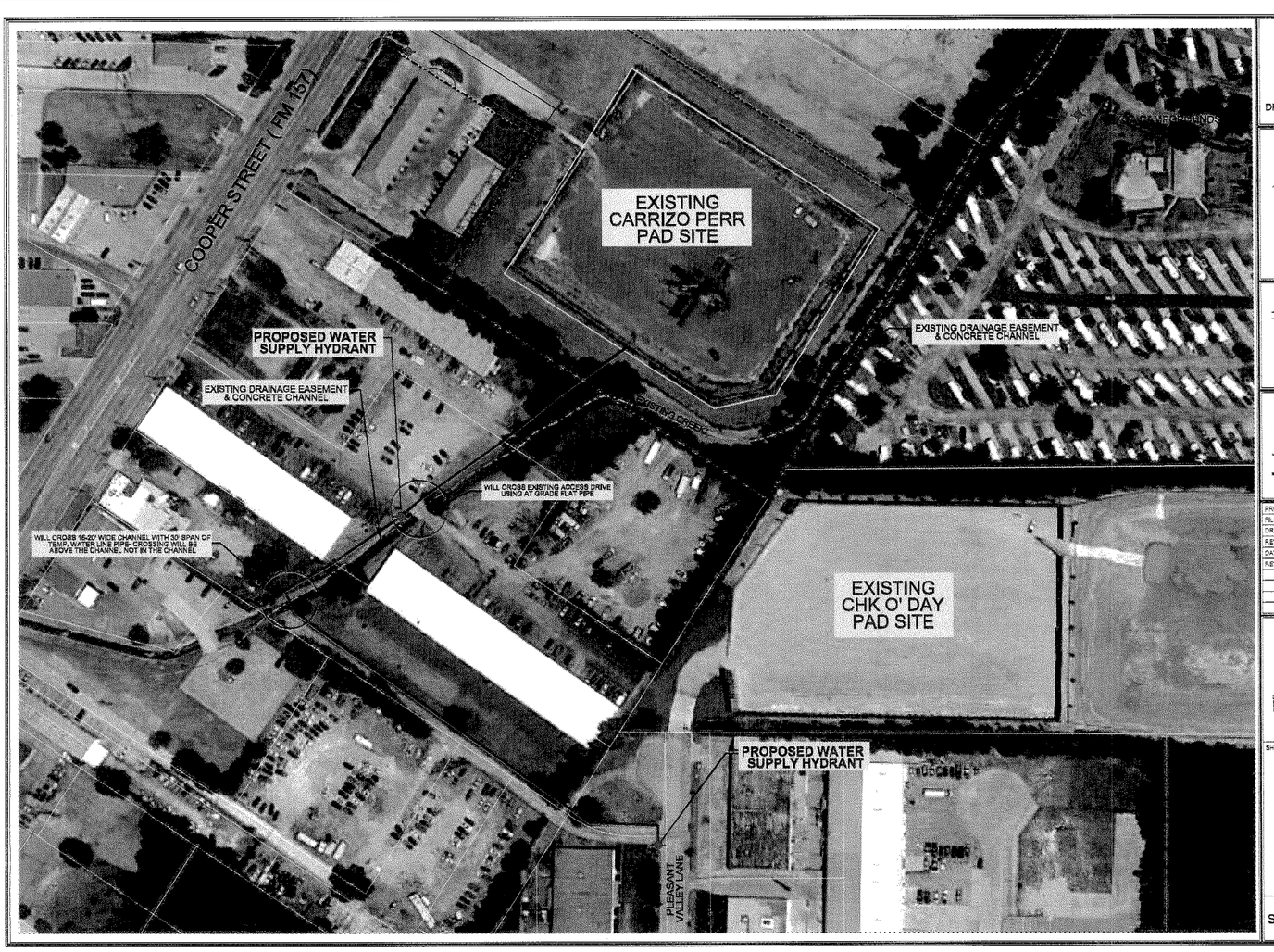
C. SPECIAL PROVISIONS FOR USE OF CULVERTS AND DRAINAGEWAYS

1. The gas well operator is considered the applicant.
2. The 5-day weather forecast must have less than a 30% chance of rain.
3. The temporary water line must be removed if there is a Thunderstorm Watch in place.
4. The temporary water line must be removed immediately if there is a Flash Flood Watch declared by the National Weather Service.
5. No mounting brackets to be attached to the concrete channel or any culverts unless specifically approved by City of Arlington.
6. No equipment may be left in a channel overnight.
7. No work shall occur if the ground is wet.
8. Culverts used for road crossings shall be 24" diameter or larger.
9. Temporary water lines shall not utilize more than 25% of the cross-sectional area of the culvert.
10. All culverts shall be free and clear of all debris before installing temporary water lines and shall be kept free and clear during occupancy by the temporary water lines.
11. Any equipment used for pumping shall be installed and remain outside Premises.
12. Company is responsible for any damage, including damage to others if a storm washes out the waterline.
13. Company must provide a pre-installation video of the channel condition and a post-installation video of the channel condition to the City of Arlington to assure that no damage has been done to the channel.
14. Temporary water lines are allowed from an approved frac pond on an approved gas well site to another gas well site unless other agreement is made by City of Arlington.

D. AGREEMENT

Application and issuance of this supplement is authorized by the Arlington Code of Ordinances and the agreement between the City and Company entitled Gas Well Temporary Water Pipeline License.

An Amended permit application is required and shall be accept by the water modeling engineer (Robert Stanley). The permit shall [illegible] Jennifer Cobbs P.E.



PERR PAD SITE

DRILLING PERMIT APPLICATION
ARLINGTON, TEXAS

PELOTON LAND SOLUTIONS
6751 KROGER DRIVE
SUITE 185
KELLER, TX 76244
PHONE: 817-562-3350

TEXAS FIRM NO. 12207

CARRIZO
1000 Louisiana Street, Suite 1500
Houston, TX 77002
Phone 713-328-1000
Fax 713-328-1035

LEGEND

- EXISTING FIRE HYDRANT
- EXIST. CHANNEL CL
- PROPOSED TEMP. WATER LINE ROUTE (TOTAL 2,976 LF)

PROJECT NO.	10-CRZ011
FILE PATH	G:\Arch\CRZ011\Permit\DP
DRAWN BY:	
REVIEWED BY:	SCK
DATE:	10/10/11
REV:	

NORTH

GRAPHIC SCALE

SHEET CONTENT

EXHIBIT 'A' TEMP. WATER LINE ROUTES

SHEET NO. 1 OF 1

Galyn Black
Project Engineer

October 14, 2011

Gentlemen:

Chesapeake Operating Inc. does hereby agree not to use or draw water from the fire hydrant located at 3008 Pleasant Valley Lane, Arlington, Texas 76015 for the time period beginning on October 14, 2011 and ending on December 31, 2011.

Chesapeake Operating Inc.

By: _____
Galyn Black
Project Engineer

Chesapeake Operating Inc.
100 Energy Way • Fort Worth, TX 76102
Main 817-502-5000 • Direct 817-502-5857 • galyn.black@chk.com

CARRIZO

10-12-11

Carrizo Oil & Gas, Inc. and Chesapeake Energy Corporation agree not to simultaneously draw water from the fire hydrant at 3008 Pleasant Valley Lane, Arlington, TX 76015 from the time period of 10/12/11-12/30/11.

Carrizo Representative Signature

Ryan Dornak
Printed Name

10/12/11
Date

Chesapeake Representative Signature

Galyn Black
Printed Name

10/12/11
Date

Tract 1

CARRIZO

October 11, 2011

Aek L.L.C.
3210 Pleasant Valley Lane
Arlington, Texas 76015

Re: Consent for Temporary Water Transfer Line
Carrizo Oil and Gas, Inc.
Tarrant County, Texas

Gentlemen:

Carrizo Oil & Gas, Inc. ("Carrizo") hereby requests your consent for the placement of a temporary eight (8) inch water transfer line ("line") across your property at a location depicted in blue on the attached plat. The line is temporary and should be in place for a period of time not to exceed ninety (90) days. Pursuant to your acceptance and consent, Carrizo plans to have the line in place no later than October 24, 2011.

Please evidence your consent and acceptance of the placement of the line across your property by signing in the space provided below.

Should you have any questions or concerns, please do not hesitate to contact me at (817) 996-3441.

Thanking you in advance to your prompt attention in this matter.

Sincerely,

Daniel Wyatt
Contract Landman on behalf of WSH Land, Inc.,
As Agent for Carrizo Oil & Gas, Inc.

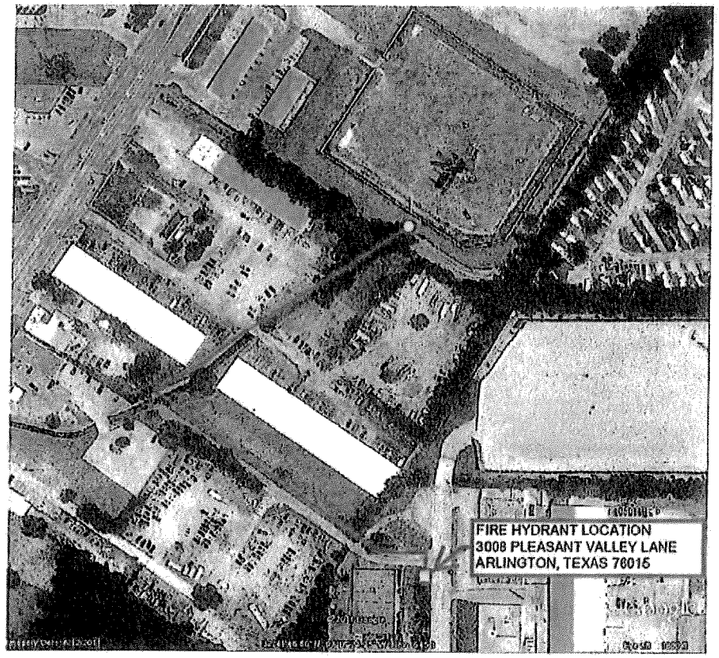
AGREED TO AND ACCEPTED on this 12 day of October, 2011

Aek L.L.C.

By: _____

Printed Name: Gary DRAGOO

Title: OWNER



Aek L.L.C.

By: _____

Printed Name: _____

Title: _____

5
© 2011 Google
Imagery Date: 6/12/2011
32°41'46.01" N 97°07'22.05" W elev 646 ft
Eye alt 1420 ft
Google

CARRIZO

October 11, 2011

Tedd Edmondson
6201 Lakeridge Road
Arlington, Texas 76016

Re: Consent for Temporary Water Transfer Line
Carrizo Oil and Gas, Inc.
Tarrant County, Texas

Gentlemen:

Carrizo Oil & Gas, Inc. ("Carrizo") hereby requests your consent for the placement of a temporary eight (8) inch water transfer line ("line") across your property at a location depicted in blue on the attached plat. The line is temporary and should be in place for a period of time not to exceed ninety (90) days. Pursuant to your acceptance and consent, Carrizo plans to have the line in place no later than October 24, 2011.

Please evidence your consent and acceptance of the placement of the line across your property by signing in the space provided below.

Should you have any questions or concerns, please do not hesitate to contact me at (817) 996-3441.

Thanking you in advance to your prompt attention in this matter.

Sincerely,

Daniel Wyatt
Contract Landman on behalf of WSH Land, Inc.,
As Agent for Carrizo Oil & Gas, Inc.

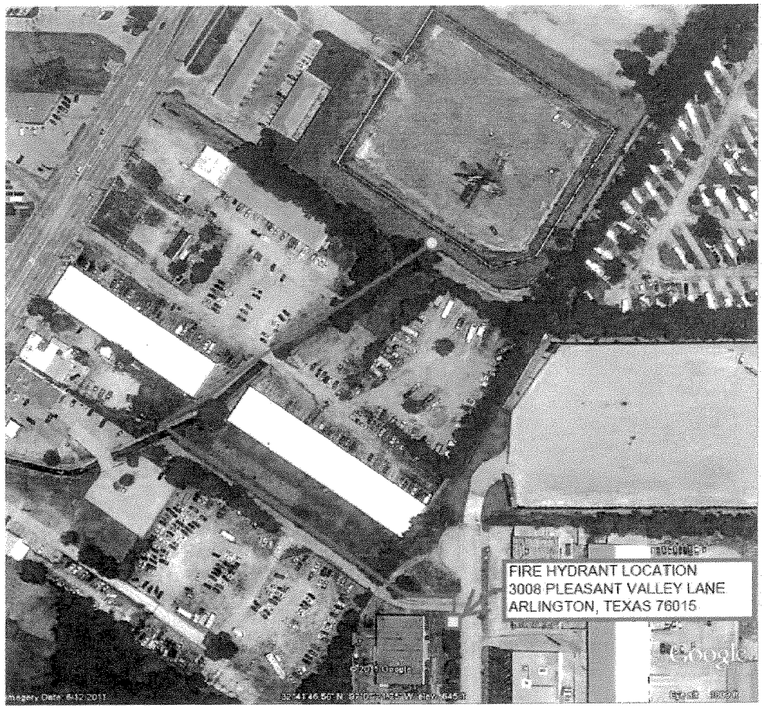
AGREED TO AND ACCEPTED on this 12th day of October, 2011

Tedd Edmondson

By: Todd R

Printed Name: Tedd Edmondson

Title: OWNER



Tedd Edmondson

By: _____

Printed Name: Tedd Edmondson

Title: OWNER

CARRIZO

TRACT 3

October 11, 2011

CRAJ, LTD., a Texas Limited Partnership
8301 Ambassador Row
Dallas, Texas 75247

Re: Consent for Temporary Water Transfer Line
Carrizo Oil and Gas, Inc.
Tarrant County, Texas

Gentlemen:

Carrizo Oil & Gas, Inc. ("Carrizo") hereby requests your consent for the placement of a temporary eight (8) inch water transfer line ("line") across your property at a location depicted in blue on the attached plat. The line is temporary and should be in place for a period of time not to exceed ninety (90) days. Pursuant to your acceptance and consent, Carrizo plans to have the line in place no later than October 24, 2011.

Please evidence your consent and acceptance of the placement of the line across your property by signing in the space provided below.

Should you have any questions or concerns, please do not hesitate to contact me at (817) 996-3441.

Thanking you in advance to your prompt attention in this matter.

Sincerely,

Daniel Wyatt
Contract Landman on behalf of WSH Land, Inc.,
As Agent for Carrizo Oil & Gas, Inc.

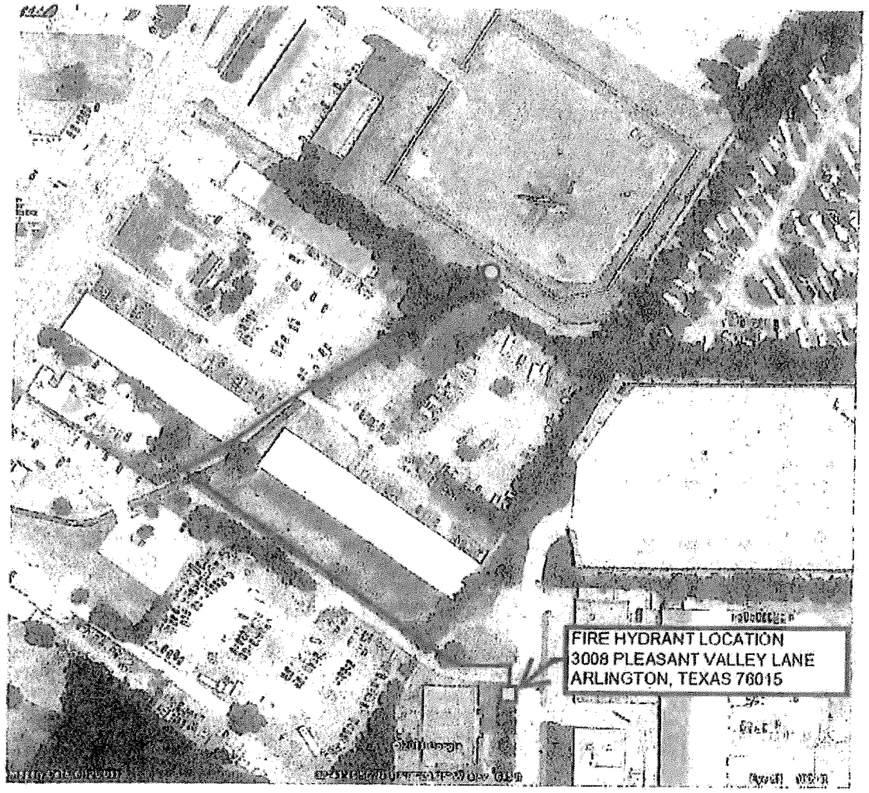
AGREED TO AND ACCEPTED on this 12 day of October, 2011

CRAJ, LTD., a Texas Limited Partnership by Aurachem Incorporated, its General Partner

By: _____

Printed Name: James A. Hericks

Title: President



CRAJ, LTD., a Texas Limited Partnership by Aurachem Incorporated, its General Partner

By: _____

Printed Name: James A. Hericks

Title: President

Sidney Duffin Est.
Zeka LLC
Craij LTD
Tedd Edmondson
AEK LLC
Imagery Date: 6/12/2011
© 2011 Google
Google
Eye alt 1420 ft

CARRIZO

Tract 4

October 11, 2011

Zeka, L.L.C.
4100 Shady Valley Drive
Arlington, Texas 76013

Re: Consent for Temporary Water Transfer Line
Carrizo Oil and Gas, Inc.
Tarrant County, Texas

Gentlemen:

Carrizo Oil & Gas, Inc. ("Carrizo") hereby requests your consent for the placement of a temporary eight (8) inch water transfer line ("line") across your property at a location depicted in blue on the attached plat. The line is temporary and should be in place for a period of time not to exceed ninety (90) days. Pursuant to your acceptance and consent, Carrizo plans to have the line in place no later than October 24, 2011.

Please evidence your consent and acceptance of the placement of the line across your property by signing in the space provided below.

Should you have any questions or concerns, please do not hesitate to contact me at (817) 996-3441.

Thanking you in advance to your prompt attention in this matter.

Sincerely,

Daniel Wyatt
Contract Landman on behalf of WSH Land, Inc.,
As Agent for Carrizo Oil & Gas, Inc.

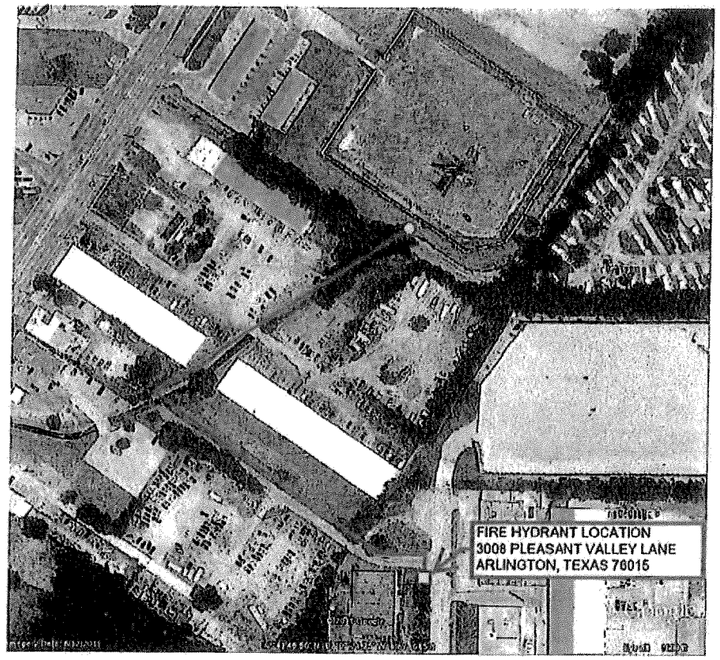
AGREED TO AND ACCEPTED on this 12th day of October, 2011

Zeka, L.L.C.

By: Ernest J. Wilemon

Printed Name: Ernest J. Wilemon

Title: President



Zeka, L.L.C.

By: Ernest J. Wilemon

Printed Name: Ernest J. Wilemon

Title: President

Sidney Duffin Est.
Zeka LLC
Todd Edmondson
AEK LLC
Imagery Date: 6/12/2011
© 2011 Google

Tract 5

CARRIZO

October 11, 2011

Sidney A. Duffin and Carolyn W. Duffin Revocable Living Trust
7406 Ledbetter Road
Arlington, Texas 76001

Re: Consent for Temporary Water Transfer Line
Carrizo Oil and Gas, Inc.
Tarrant County, Texas

Gentlemen:

Carrizo Oil & Gas, Inc. ("Carrizo") hereby requests your consent for the placement of a temporary eight (8) inch water transfer line ("line") across your property at a location depicted in blue on the attached plat. The line is temporary and should be in place for a period of time not to exceed ninety (90) days. Pursuant to your acceptance and consent, Carrizo plans to have the line in place no later than October 24, 2011.

Please evidence your consent and acceptance of the placement of the line across your property by signing in the space provided below.

Should you have any questions or concerns, please do not hesitate to contact me at (817) 996-3441.

Thanking you in advance to your prompt attention in this matter.

Sincerely,

Daniel Wyatt
Contract Landman on behalf of WSH Land, Inc.,
As Agent for Carrizo Oil & Gas, Inc.

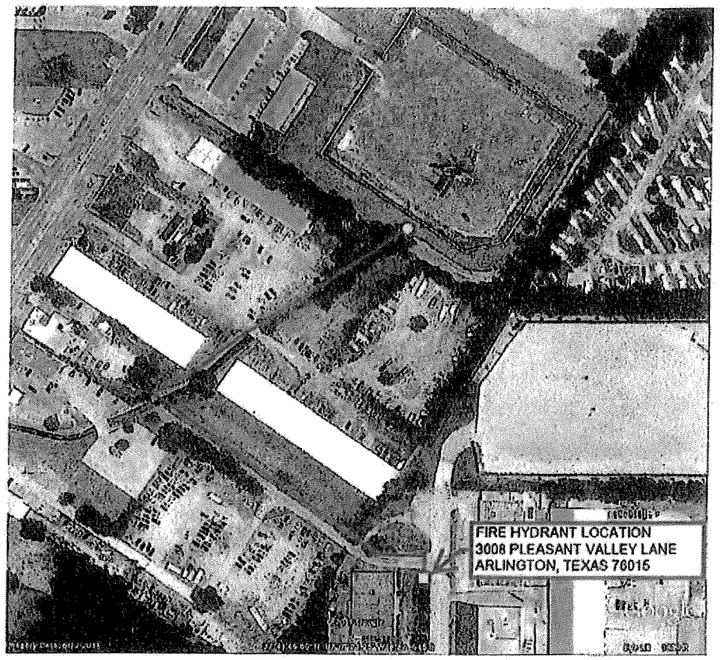
AGREED TO AND ACCEPTED on this 12 day of October, 2011

Sidney A. Duffin and Carolyn W. Duffin Revocable Living Trust
Rickey L. Duffin, acting as Attorney In Fact for Carolyn W. Duffin

By: Rickey L Duffin

Printed Name: Rickey L. Duffin

Title: Trustee



Sidney A. Duffin and Carolyn W. Duffin Revocable Living Trust
Rickey L. Duffin, acting as Attorney In Fact for Carolyn W. Duffin

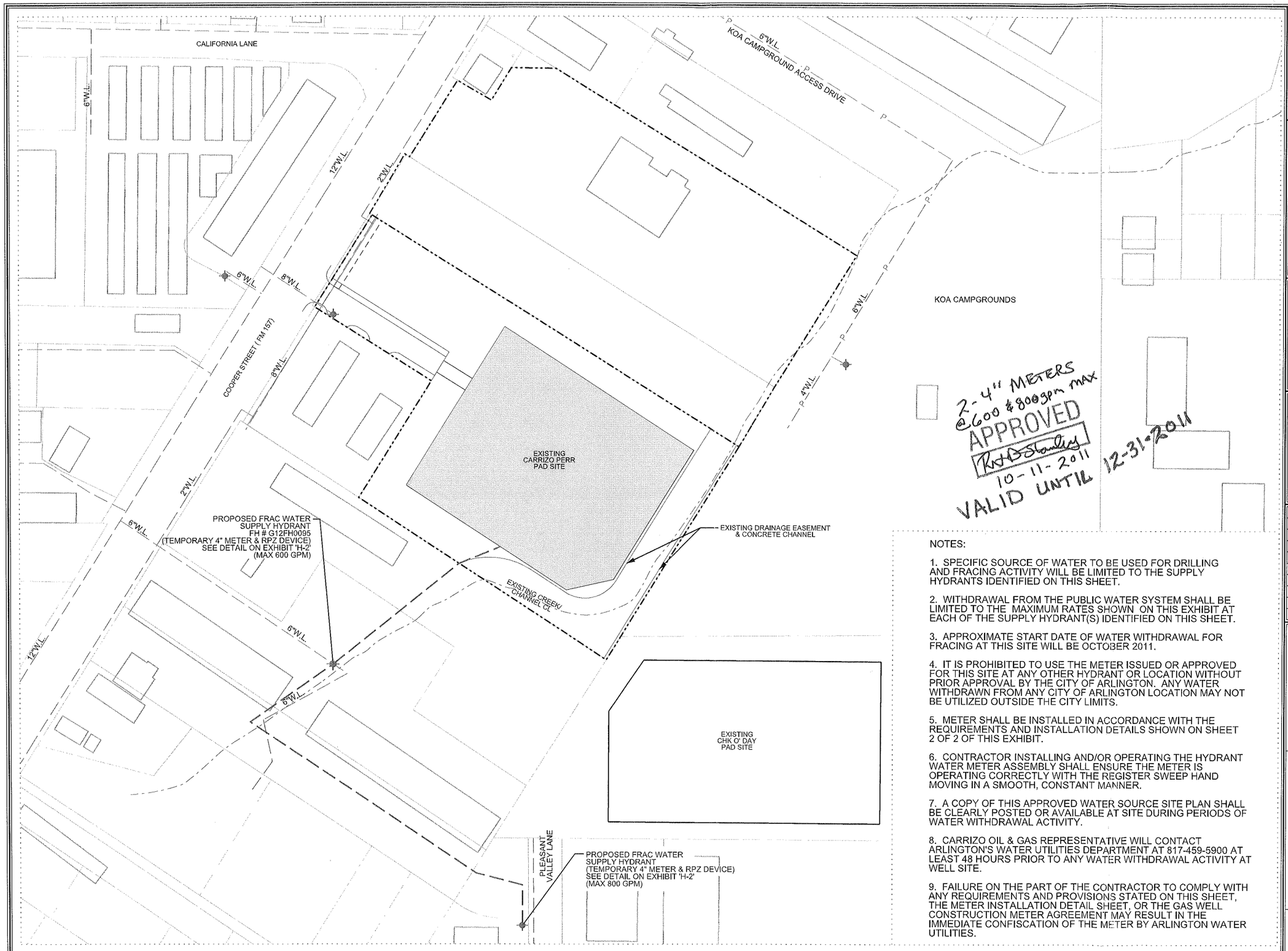
By: Rickey L Duffin

Printed Name: Rickey L. Duffin

Title: Trustee

Sidney Duffin Est.
Zeka LLC
Craij LTD
Tedd Edmondson
AEK LLC
©2011 Google
Imagery Date: 6/12/2011
Eye alt 1420 ft

Google
Eye alt 1420 ft
©2011 Google
32°34'46.01" N 97°07'22.05" W elev 646 ft
Imagery Date: 6/12/2011



2-4" METERS
@600 & 800gpm MAX
APPROVED
10-11-2011
VALID UNTIL 12-31-2011

NOTES:

1. SPECIFIC SOURCE OF WATER TO BE USED FOR DRILLING AND FRACING ACTIVITY WILL BE LIMITED TO THE SUPPLY HYDRANTS IDENTIFIED ON THIS SHEET.

2. WITHDRAWAL FROM THE PUBLIC WATER SYSTEM SHALL BE LIMITED TO THE MAXIMUM RATES SHOWN ON THIS EXHIBIT AT EACH OF THE SUPPLY HYDRANT(S) IDENTIFIED ON THIS SHEET.

3. APPROXIMATE START DATE OF WATER WITHDRAWAL FOR FRACING AT THIS SITE WILL BE OCTOBER 2011.

4. IT IS PROHIBITED TO USE THE METER ISSUED OR APPROVED FOR THIS SITE AT ANY OTHER HYDRANT OR LOCATION WITHOUT PRIOR APPROVAL BY THE CITY OF ARLINGTON. ANY WATER WITHDRAWN FROM ANY CITY OF ARLINGTON LOCATION MAY NOT BE UTILIZED OUTSIDE THE CITY LIMITS.

5. METER SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AND INSTALLATION DETAILS SHOWN ON SHEET 2 OF 2 OF THIS EXHIBIT.

6. CONTRACTOR INSTALLING AND/OR OPERATING THE HYDRANT WATER METER ASSEMBLY SHALL ENSURE THE METER IS OPERATING CORRECTLY WITH THE REGISTER SWEEP HAND MOVING IN A SMOOTH, CONSTANT MANNER.

7. A COPY OF THIS APPROVED WATER SOURCE SITE PLAN SHALL BE CLEARLY POSTED OR AVAILABLE AT SITE DURING PERIODS OF WATER WITHDRAWAL ACTIVITY.

8. CARRIZO OIL & GAS REPRESENTATIVE WILL CONTACT ARLINGTON'S WATER UTILITIES DEPARTMENT AT 817-459-5900 AT LEAST 48 HOURS PRIOR TO ANY WATER WITHDRAWAL ACTIVITY AT WELL SITE.

9. FAILURE ON THE PART OF THE CONTRACTOR TO COMPLY WITH ANY REQUIREMENTS AND PROVISIONS STATED ON THIS SHEET, THE METER INSTALLATION DETAIL SHEET, OR THE GAS WELL CONSTRUCTION METER AGREEMENT MAY RESULT IN THE IMMEDIATE CONFISCATION OF THE METER BY ARLINGTON WATER UTILITIES.

PERR PAD SITE

DRILLING PERMIT APPLICATION
ARLINGTON, TEXAS

PELOTON LAND SOLUTIONS
5751 KROGER DRIVE
SUITE 185
KELLER, TX 76244
PHONE: 817-562-3350

TEXAS FIRM NO. 12207

CARRIZO
1000 Louisiana Street, Suite 1500
Houston, TX 77002
Phone 713-328-1000
Fax 713-328-1035

06/28/10

LEGEND

- EXISTING FIRE HYDRANT
- PROPOSED TEMPORARY WATER LINE FROM WATER SOURCE
- EXISTING CITY WATER LINE
- PAD SITE LOCATION

PROJECT NO:	10-CRZ011
FILE PATH:	G:\Job\CRZ011\Petro\DP
DRAWN BY:	
REVIEWED BY:	SOK
DATE:	
REV:	10/05/11

NORTH

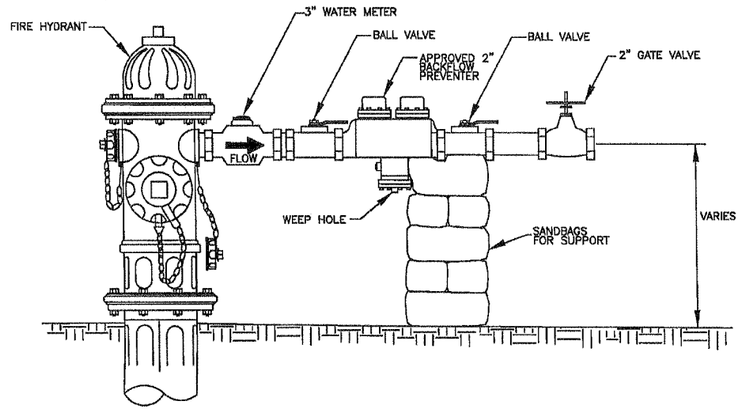
0 60' 120' 180'
GRAPHIC SCALE

SHEET CONTENT

EXHIBIT 'H-1' WATER SOURCE

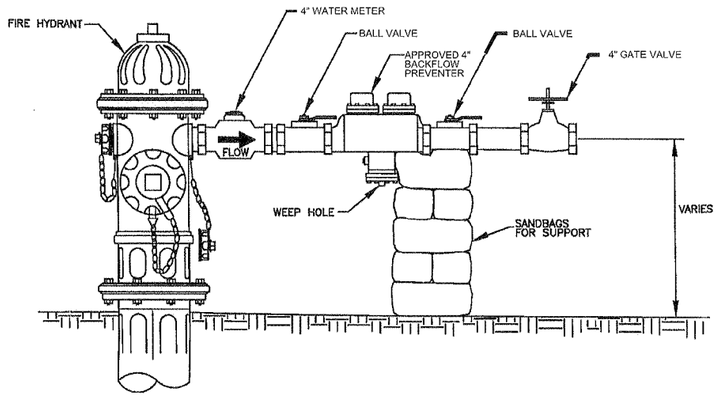
2.988 ACRES OUT OF THE
A. NEWTON SURVEY,
ABSTRACT NO. 1161
CITY OF ARLINGTON,
TARRANT COUNTY, TEXAS;
MAY 2010

SHEET NO. 1 OF 2



NOTES:
1. USE OF HYDRANT REQUIRES VALID WATER FIRE HYDRANT METER AGREEMENT. CONTACT WATER UTILITIES CUSTOMER SERVICE OFFICE FOR APPLICATION.
2. METER AND REDUCED BACKFLOW PRESSURE ZONE (RPZ) BACKFLOW DEVICE SHALL BE FULLY SUPPORTED WHEN CONNECTED TO FIRE HYDRANT.
3. METER AND RPZ BACKFLOW DEVICE SHALL BE APPROVED BY CITY OF ARLINGTON WATER UTILITIES. (MS-30) METER MUST BE OBTAINED FROM CITY OF ARLINGTON WATER UTILITIES. METER SHALL BE TESTED ANNUALLY BY CITY OF ARLINGTON WATER UTILITIES.
4. PRIOR TO ANY USE OF FIRE HYDRANT WATER, THE RPZ MUST BE TESTED BY A CITY-REGISTERED BACKFLOW PREVENTION ASSEMBLY TESTER (BPAT), AND A CURRENT AND PASSING TEST MAINTENANCE REPORT (TMR) FOR THE RPZ MUST BE FAXED TO WATER RESOURCE SERVICES AT (817) 459-5874. BACKFLOW DEVICE SHALL BE TESTED ANNUALLY AND COPY OF TEST SHALL BE SENT TO CITY OF ARLINGTON WATER UTILIITIES WATER RESOURCE SERVICES BEFORE USAGE WILL BE ALLOWED.
5. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO FIRE HYDRANT DURING USE.
6. SANDBAGS SHALL NOT OBSTRUCT WEEP HOLE.

STANDARD FIRE HYDRANT METER INSTALLATION



NOTES:
1. USE OF HYDRANT REQUIRES VALID WATER FIRE HYDRANT METER AGREEMENT. CONTACT WATER UTILITIES CUSTOMER SERVICE OFFICE FOR APPLICATION.
2. PRIOR TO METER ASSEMBLY INSTALLATION, TESTING OF THE RPZ SHALL BE PERFORMED BY A CITY OF ARLINGTON APPROVED TESTING FACILITY. A CURRENT AND PASSING TEST AND MAINTENANCE REPORT (TMR) FOR THE RPZ MUST BE SUBMITTED TO ARLINGTON WATER RESOURCE SERVICES PERSONNEL AT 200 NORTH COOPER STREET (817) 459-5902. THE TEST AND MAINTENANCE REPORT FOR THE RPZ DEVICE SHALL BE VALID FOR 6 MONTHS FROM THE DATE OF TEST. TMR SHALL BE AVAILABLE AT INSTALLATION LOCATION FOR REVIEW BY CITY PERSONNEL.
3. PRIOR TO METER ASSEMBLY INSTALLATION, THE 4-INCH HYDRANT METER SHALL BE CALIBRATED AND APPROPRIATE DOCUMENTATION SUBMITTED TO ARLINGTON METER SERVICES PERSONNEL AT 200 NORTH COOPER STREET. METER CALIBRATION SHALL BE VALID FOR 6 MONTHS FROM THE DATE OF TEST AND CALIBRATION DOCUMENTATION SHALL BE AVAILABLE AT INSTALLATION LOCATION FOR REVIEW BY CITY PERSONNEL.
4. PRIOR TO METER ASSEMBLY INSTALLATION, THE CALIBRATED 4-INCH HYDRANT METER SHALL BE BROUGHT INTO ARLINGTON METER SERVICES AT 200 NORTH COOPER STREET TO BE READ PRIOR TO WITHDRAWAL AT SITE. CONTACT SAM GONZALEZ AT (817)676-4252 OR ARLINGTON METER SERVICES AT (817)459-5901 TO SCHEDULE AN APPOINTMENT.
5. HYDRANT METER ASSEMBLY SHALL NOT DISRUPT PEDESTRIAN OR VEHICULAR FLOW. IF A 90 DEGREE BEND IS NOT USED, THE HYDRANT MAY NEED TO BE ROTATED 90 DEGREES TO ACCOMMODATE INSTALLATION. PLEASE CONTACT ARLINGTON WATER UTILITIES MODELING ENGINEER AT (817)459-6824 AT LEAST 72 HOURS PRIOR TO UTILIZATION OF APPROVED 4-INCH HYDRANT METER INSTALLATION SO HYDRANT CAN BE ROTATED, IF DEEMED NECESSARY BY ARLINGTON WATER UTILITIES. HYDRANT WILL BE ROTATED BY ARLINGTON WATER UTILITIES STAFF AND SHALL ONLY BE ROTATED FOR A MAXIMUM DURATION OF 5 DAYS. CONTRACTOR SHALL BE RESPONSIBLE FOR REIMBURSING ARLINGTON WATER UTILITIES FOR TIME AND MATERIALS.
6. METER AND REDUCED BACKFLOW PRESSURE ZONE (RPZ) DEVICE SHALL BE FULLY SUPPORTED WHEN CONNECTED TO FIRE HYDRANT.
7. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO FIRE HYDRANT DURING USE.
8. SANDBAGS SHALL NOT OBSTRUCT WEEP HOLE.

TEMPORARY 4" WATER METER INSTALLATION

2-4" METERS @ 600 ea
APPROVED
Bob Slattery
10-11-2011
VALID UNTIL
12-31-2011

PERR PAD SITE

DRILLING PERMIT APPLICATION
ARLINGTON, TEXAS

PELOTON LAND SOLUTIONS
5751 KROGER DRIVE
SUITE 185
KELLER, TX 76244
PHONE: 817-562-3350

CARRIZO
1000 Louisiana Street, Suite 1500
Houston, TX 77002
Phone 713-328-1000
Fax 713-328-1035

PROJECT NO:	10-CRZ011
FILE PATH:	G:\Job\CRZ011\Petro\DP
DRAWN BY:	
REVIEWED BY:	SOK
DATE:	
REV:	

SHEET CONTENT

EXHIBIT 'H-2' WATER SOURCE DETAILS

2.988 ACRES OUT OF THE
A. NEWTON SURVEY,
ABSTRACT NO. 1161
CITY OF ARLINGTON,
TARRANT COUNTY, TEXAS;
MAY 2010