ARLINGTON

Gas Well Inspection Report
2nd Quarter 2014

Quicksilver Resources, Inc.

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INTRODUCTION

Purpose:

The exploration, development, and production of gas in the City of Arlington are activities which necessitate reasonable regulation to ensure that all property owners, mineral and otherwise, have the right to peaceably enjoy their property and its benefits and revenues. During the 2nd Quarter of 2014, the Community Development and Planning Department (CD&P) and the Arlington Fire Department (AFD) of the City of Arlington conducted inspections of Gas Well pad sites within the city limits to ensure compliance with the following: The City of Arlington Gas Drilling and Production Ordinance, the Fire Prevention Ordinance and provide gas well permittees notice of violations on gas well pad sites.

Authority:

In accordance with City of Arlington "Gas Drilling and Production" Ordinance, Section 3.01 of the Inspector of the Ordinance, the City Manager shall designate officials who shall enforce the provisions of the Ordinance. The Inspector shall have the authority to enter and inspect any premises covered by the provisions of the Ordinance to determine compliance with the provisions of the Ordinance and all applicable laws, rules, regulations, standards or directives of the State. The Inspector shall have the authority to issue any orders or directives required to carry out the intent and purpose of the Ordinance and its particular provisions. Failure of any person to comply with any such order or directive shall constitute a violation of the Ordinance. In accordance with the City of Arlington "Fire Prevention" Ordinance, Section 1.03, IFC 104.3 Right of Entry, whenever necessary to make an inspection to enforce any of the provisions of the Fire Code.

Inspectors:

Jessica Minley- Gas Well Specialist (CD&P)

Angie Lopez – Fire Prevention Specialist (AFD)

Collin Gregory – Gas Well Coordinator (CD&P)

Maria Carbajal – Gas Well Coordinator (CD&P)

NOTICE OF VIOLATION LETTER

During the dates in the reports listed below, the Gas Well Specialist and the Fire Prevention Specialist of the City of Arlington conducted compliance inspections to identify and inform Quicksilver Resources (Quicksilver) of violations on Gas Well pad sites within the City of Arlington. Each Quicksilver site was inspected and violations documented in the reports attached.

Section 10.01 and IFC 109.3 <u>Penalty</u>

A. It shall be unlawful and an offense for any person to do the following:

1. Engage in any activity not permitted by the terms of a Gas Well Permit issued under this Chapter; or the Fire Prevention Chapter.

2. Fail to comply with any condition set forth in a Gas Well Permit issued under this Chapter or the Fire Prevention Chapter

B. A person who violates any provision of these Chapters by performing an act prohibited or by failing to perform an act required is guilty of a misdemeanor; each day the violation continues shall be a separate offense.

1. If the definition of an offense under this Chapter does not prescribe a culpable mental state, then a culpable mental state is not required. Such offense shall be punishable by a fine not to exceed Five Hundred Dollars and No Cents ($500.00). Although not required, if a culpable mental state is in fact alleged in the charge of the offense and the offense governs fire safety, zoning, or public health and sanitation, including dumping of refuse, such offense shall be punishable by a fine not to exceed Two Thousand Dollars and No Cents ($2,000.00).

3. If the definition of an offense under these Chapters prescribes a culpable mental state and the offense governs fire safety, zoning, or public health and sanitation, including dumping of refuse, then a culpable mental state is required and the offense shall be punishable by a fine not to exceed Two Thousand Dollars and No Cents ($2,000.00). (Amended "Gas Drilling and Production" Ord 10-012, 1/12/10) (Amended "Fire Prevention" Ord 12-021, 4/24/2012)

Quicksilver Resources is hereby required, per section 5.06 (A) and (B) of the "Gas Drilling and Production" Ordinance and IFC 109.3 of the "Fire Prevention" Ordinance, to correct any noted violations on each corresponding pad site report. Failure to comply with the following stated instructions, and/ or failure to comply with the following stated instructions in the future will result in penalties or fines in accordance with the Ordinances.

PAD SITE INSPECTION REPORTS

Gas Well Inspection Form

SITE NAME: Boswell

ADDRESS: 5917 W. Pioneer Parkway

Company: Quicksilver
Contact Info: 817-665-4010
Inspection Date: 5/13/2014
Time: 3:20PM

PHASE

☐ Drilling ☐ Fracking ☐ Flowback ☑ Production ☐ Abandoned

Gas well inspections are conducted jointly by Community Development and Planning and the Fire Department. The section of the Fire Code and/ or Gas Well Ordinance is noted on each item.

Signage (IFC 3406.3.7/Section 7.02)

PASS Address properly displayed
PASS Well Name
PASS Well Number
PASS Name of Operator
PASS (2) Emergency Phone Numbers
PASS No smoking signage (IFC 2703.3.1/Section 7.02)
PASS Hazmat Identification (IFC 3406.3.3)

Security (IFC: 3406.3.9/ Section 7.01)

PASS Fencing intact
PASS Gate Locked
PASS Gate width
PASS Knox Lock
PASS Vehicle Impact Protection (IFC 3406.3.12)

Accessibility (IFC:3406.3.1.2.1/ Section 7.01)

PASS Entry/Approach maintained
PASS 24' width
PASS 14' high clearance
PASS Unobstructed access

Landscaping & Perimeter Fencing(Section 7.01)

PASS Tier 1
N/A Tier 2

Meteorological Data

NNW Wind Direct
66.9F Temp

Wind Speed

16.0MPH Average
16.1MPH Current
21.0MPH Max

Nearest Receptor

N/A Yards

Tank Batteries/Well Head/Pipes/Other:

PASS Tank batteries 25' from well head (IFC 3406.3.1.1/ Section 7.01)
PASS Well Head 75' from street or railway(IFC 3406.3.1.1)
PASS Secondary Containment System (IFC 2704.2.2/ Section 7.01)
PASS Lightning Arrestor System (IFC 3406.3.4.1/ Section 7.01)
N/A Suppression system as required by (Fire Dept IFC 3406.3.8.4)
PASS Fire Extinguisher (IFC 3406.3.8.4)
PASS Pipe supports, bracing, foundations and anchoring (IFC 3406.3.1.5)
N/A Soundproof material non-combustible (IFC 3406.3.6)
PASS Dust, Odors, Vibrations(Section 7.01)
PASS Equipment Painted(Section 7.02)
PASS Gas Lift Compressor(Section 7.01)
PASS Gas Processing Onsite(Section 7.01)
PASS Storage of Equipment(Section 7.01)
PASS Muffling Exhaust(Section 7.01)
PASS 8' Height Requirement (Section 7.01)
PASS Grass, Weeds, Trash(Section 7.02)

Fracture Stimulation Earthen Pit (Section 7.01)

N/A Tier 1
N/A Tier2

Monitoring

PASS Gas Detection(IFC 3406.3.8.2)
N/A GFIR Observation (IFC 3406.3.8.2)
PASS TVA Readings in PPM (Section 7.01)
PASS Security Camera (IFC 3406.3.9)

Gas Well Inspection Form

SITE NAME: Boswell

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Valves

PASS Automatic shut-off valve/BOP (IFC 3406.3.4)
PASS Emergency shut-off valve (IFC 3406.3.8.2)

Well Head Status After Fracing (Section 7.01)

N/A Covered
PASS Completed
PASS Cellar filled or Closed
PASS Bradenhead Gauge Installed
PASS Vehicle Impact Protection (IFC 3406.3.12)

Administrative

PASS Emergency Action Plan (IFC 3406.3.10)
PASS Hazardous Material Plan (IFC 3406.3.11)

Personnel on site (if applicable)

N/A Credentials.
N/A Fire extinguisher (Applicable if personnel on-site)

Explosives (if on site)

N/A Permit from Fire Marshal (Required)

Summa Sample

Canister #	N/A
GPS coordinates	N/A
Time	N/A
Start	N/A
Finish	N/A

Site Inventory

# of Wellheads	7
# of Separators	7
# of Storage Tanks	2
# of Fire Hydrants (If Applicable)	

Notes:

Full Compliance

TCEQ Investigator Contacted

N/A

Referred to Rail Road Commission

N/A

Site Representative

N/A

Inspection Verification

Time	Date	
3:20PM	5/13/2014	essica Minley Gas Well Specialist (CD&P)
N/A	5/8/2014	An ie o e Fire Prevention Specialist (Fire Department)

Gas Well Inspection Form

SITE NAME: □ake Arlin□□on

ADDRESS: 1900 W. □reen □aks Blv□

Company: Quicksliver
Contact Info: 817-665-4010
Inspection Date: 5/7/2014
Time: 2:30PM

PHASE

☐ Drilling ☐ Fracking ☐ Flowback ☑ Production ☐ Abandoned

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PASS Gate width
N/A Knox Lock
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PASS 24' width
PASS 14' high clearance
PASS Unobstructed access

Landscaping & Perimeter Fencing(Section 7.01)

PASS Tier 1
N/A Tier 2

Meteorological Data

SS□ Wind Direct
81.0F Temp

Wind Speed

16MPH Average
18.4MPH Current
26.0MPH Max

Nearest Receptor

N/A Yards

Tank Batteries/Well Head/Pipes/Other:

N/A Tank batteries 25' from well head (IFC 3406.3.1.1/ Section 7.01)
PASS Well Head 75' from street or railway(IFC 3406.3.1.1)
PASS Secondary Containment System (IFC 2704.2.2/ Section 7.01)
PASS Lightning Arrestor System (IFC 3406.3.4.1/ Section 7.01)
N/A Suppression system as required by (Fire Dept IFC 3406.3.8.4)
PASS Fire Extinguisher (IFC 3406.3.8.4)
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N/A Soundproof material non-combustible (IFC 3406.3.6)
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N/A Gas Lift Compressor(Section 7.01)
PASS Gas Processing Onsite(Section 7.01)
PASS Storage of Equipment(Section 7.01)
N/A Muffling Exhaust(Section 7.01)
PASS 8' Height Requirement (Section 7.01)
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Fracture Stimulation Earthen Pit (Section 7.01)

N/A Tier 1
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Gas Well Inspection Form

SITE NAME: □ake Arlin□□on

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PASS Covered
PASS Completed
N/A Cellar filled or Closed
PASS Bradenhead Gauge Installed
PASS Vehicle Impact Protection (IFC 3406.3.12)

Administrative

PASS Emergency Action Plan (IFC 3406.3.10)
PASS Hazardous Material Plan (IFC 3406.3.11)

Personnel on site (if applicable)

N/A Credentials.
N/A Fire extinguisher (Applicable if personnel on-site)

Explosives (if on site)

N/A Permit from Fire Marshal (Required)

Summa Sample

Canister #	N/A
GPS coordinates	N/A
Time	N/A
Start	N/A
Finish	N/A

Site Inventory

# of Wellheads	13
# of Separators	13
# of Storage Tanks	0
# of Fire Hydrants (If Applicable)	N/A

Notes:

Full Compliance

TCEQ Investigator Contacted

N/A

Referred to Rail Road Commission

N/A

Site Representative

N/A

Inspection Verification

Time	Date	
2:30PM	5/07/2014	□essica Minley Gas Well Specialist (CD&P)
N/A	4/28/2014	An□ie □o□e□ Fire Prevention Specialist (Fire Department)

CONTACT INFORMATION

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