

# ***City of Carson Oil and Gas Code Update***

## **Planning Commission Hearing**

### **Fracking Prohibition**

***December 8, 2015***

***Prepared By:  
MRS***

***Prepared For:  
City of Carson***

## Update on Progress Since last Meeting

- Meetings with City Manager, Industry, Community members and other stake holders.
- Reviewed recent studies and literature.
- Reviewed existing Wilmington and Dominguez Oil Fields production methods.
- Reviewed industry submittals on potential amendments to the Fracking Ban Ordinance.

## The 'Fracking Ban' Ordinance

➤ 9535 Operational Prohibitions

- (1) prohibits the storage of certain volumes of acid on site;
- (2) limits the amount of water usage unless approved by the City Manager; and
- (3) regulates the amount of truck trips to the site for water deliveries. As a practical matter these regulations may have an impact on certain types of well stimulation practices.

# The 'Fracking Ban' Ordinance

- 9535 Operational Prohibitions
- It shall be unlawful to perform or cause to be performed the following activities within the City for the purpose of the production or extraction of oil, gas or other hydrocarbon substance from any subsurface location within the City as follows:
- A. No storage of acid on the oil and gas site shall occur in a volume in excess of 2,500 gallons.
- B. No oil and gas operations shall utilize more than 25,000 gallons of water in a 24 hour period, or more than 100,000 gallons per week, unless during an emergency and as approved by the City Manager. This restriction does not apply to produced water, or waste water that originated from a petroleum reservoir, or uses authorized by this ordinance.
- C. No more than 15 truck trips in a 24 hour period may be used for water deliveries, unless such water is used for a purpose other than extracting oil, gas, or any other hydrocarbon substance, unless for repairs or during an emergency and as approved by the City Manager.

## City of Carson Oil and Gas Code Update

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### The 'Fracking Ban' Ordinance

#### ➤ 9536 Prohibited Uses:

- No hydraulic fracturing, acidizing, or any other well stimulation treatment.
- Unlawful to use any land within the City for the purpose of well stimulation
- Normal maintenance work that utilizes acidizing techniques is allowed.
- Well stimulation allowed if:
  - (1) well stimulation is necessary to recover the operator's reasonable investment-backed expectation established through investment made before the effective date of this ordinance; and
  - (2) that such well stimulation will not create a nuisance due to an adverse impact on persons or property within the City.
- This Section shall remain in full force and effect unless otherwise required by any applicable State or Federal law, regulation or judicial determination.
- Violation fees of up to \$100,000 per calendar day, at the discretion of the City Manager.
- May also require immediate shutdown of all operations at an oil and gas facility site

## Questions

## Options to Fracking Prohibition

- Option 1: Approve As Is with Safety Clause
- Option 2: Complete Ban with Enhanced Appeal Process (allow appeal to PC on Safety Clause Issue)
- Option 3: No Ban
- Option 4: Comprehensive Restrictions (require City permit, evidence of compliance with State Laws, etc)
- Option 5: Other options

## Option 2 Language

### ➤ Option 2 – section 9536.2

- (2) that such well stimulation will not create a nuisance due to an adverse impact on persons or property within the City, then the City Manager may authorize such well stimulation pursuant to a permit issued pursuant to this ordinance. **The decision of the City Manager may be appealed to the Planning Commission by any interested person.**

## Option 4 Language (Comprehensive Restrictions )

### ➤ Option 4 Requirements

- SB4 requirements including: Permits, Notification, Water testing, Well analysis, Seismic monitoring, Fluids handling, Well monitoring, Public disclosure and Post well stimulation report.
- SB4 EIR mitigation measures including: health risk assessment, odor plan, SPPP, Erosion control plan, GHG offsets, Methane emissions procedures, Safety evaluations, Microseismic monitoring, Earthquake response plan, Monitoring leaks at nearby active/idle/abandoned wells, Soil barriers, Tracers to well stimulation fluids, Hydrologic analysis, Traffic plan, Noise plan, Road conditions program, Dust plan.