


# BOSS Chemicals Company and Product Overview

**BOSS**  **CHEM**



# Agenda/Topics To Be Covered

- Who We Are
- Who have we worked with?
- BOSS-155
- BOSS-155 – Comparative Data
- BOSS-155 – Comparative Data, p2
- BOSS-155 – Comparative Data, p3
- BOSS -157
- BOSS-157 – Comparative Data
- Customer testimonials
- Key Differentiators
- Our Word – Our Promise
- Awards
- Our Contact Information



# Who We Are

- The Lopez brothers started Boss Chemicals Corporation over 17 years ago based on the simple idea to make a great product and provide the highest level of customer service. Since then, the Boss Chemicals team has been producing, supplying and transporting drilling lubricants to drilling rigs all over the country. **We are here to serve you!**



# Who have we worked with?

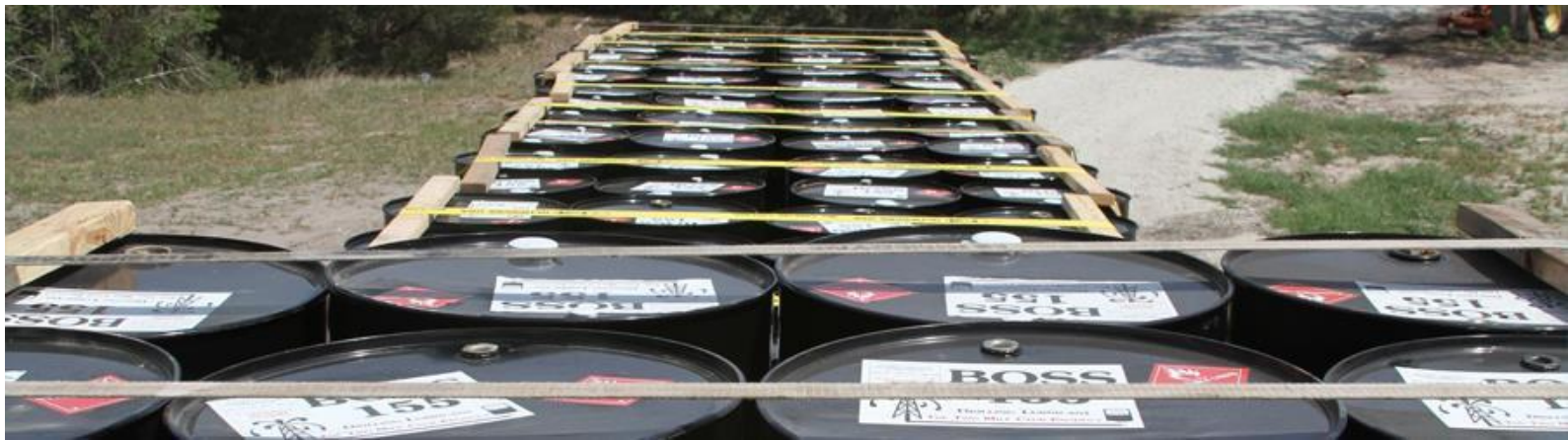
**CHEM**  
  
**BOSS**





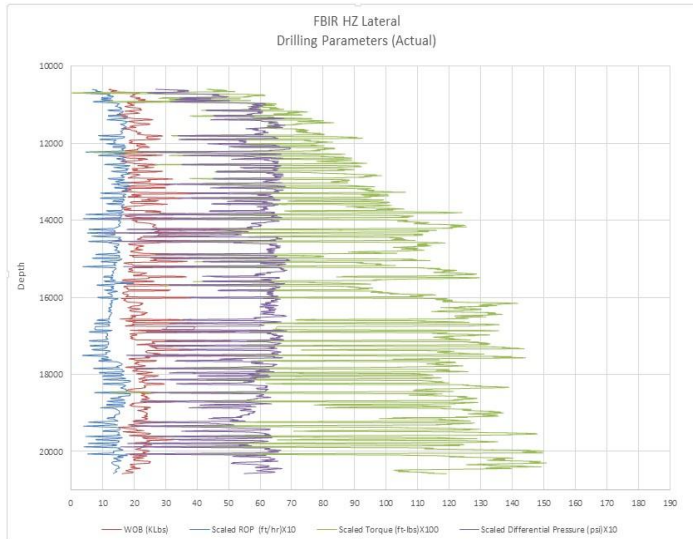
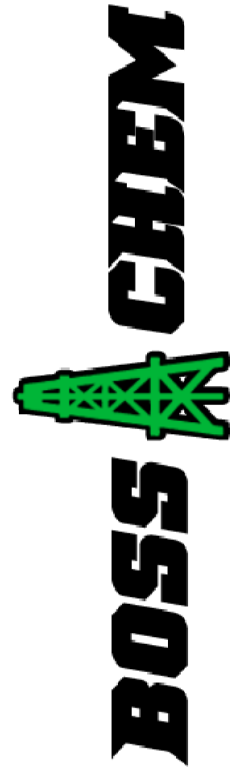
# BOSS-155

- **BOSS-155** - concentrated oil soluble-water, dispersible blend of amide and imidazoline fatty acids with oil wetting surfactant.
  - Effective at reducing the friction during horizontal and directional drilling operations.
  - Disperses easily into any system.
  - Reduces sliding time, in half, in most cases.
  - Reduces torque and drag casing wear, wall sticking tendencies, and bit and bottom hole assembly balling.
  - Will not damage any elastomers of down-hole motors.

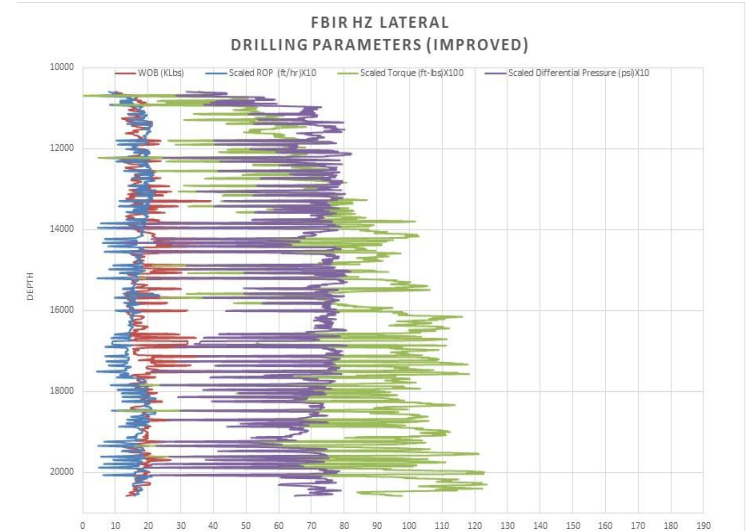


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# BOSS-155 – Comparative Data



Well: FBIR HZ 1D (Direct Offset)  
Standard Drilling Lube - Averaged values



Well: FBIR HZ Offset 2D (Direct Offset)  
Boss 155

**20%** reduction in rotating torque vs. offset

# BOSS-155 – Comparative Data, p2

## Estimated Performance Improvements and Savings:

- **20%** avg reduction VS direct offset. (expected **35% +** for mud alone)
- Less WOB: **20K** @ 18,000 ft VS Offset WOB of **22K** @ 18,000 ft
- Increased ROP: **110'** hr VS Offset 100' hr
- **10 Less Hours** VS Offset = **\$32,000 Saved**

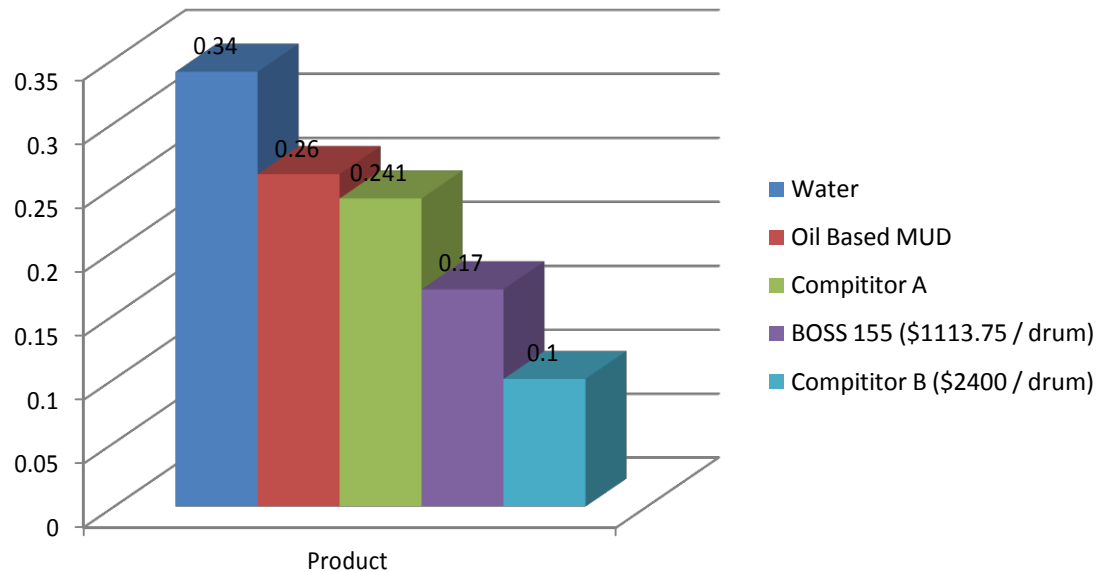
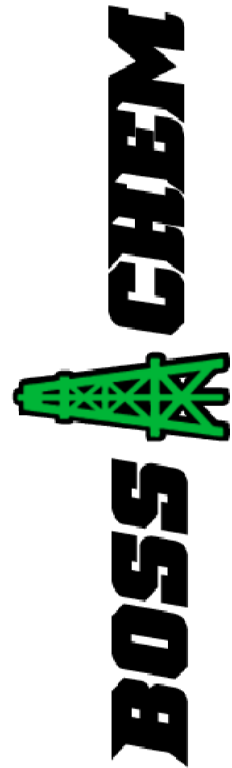
## Product Description:

- Industry leading flashpoint for hot hole environments
- Highest standard lubricating coefficient on the market
- Optimized to mitigate system foaming
- Low Freezing point for sub zero temps.



**MEMPHIS**  
**BOSS**

# BOSS-155 – Comparative Data, p3



## Torque Reading CoF Comparative Data

Water, Oil Based mud, Competitor A, BOSS-155, Competitor B

- 35% improvement over Oil Based Mud alone vs. BOSS 155
- 29% improvement over Competitor A vs. BOSS 155
- Cost Savings of 115% - BOSS 155 over Competitor B



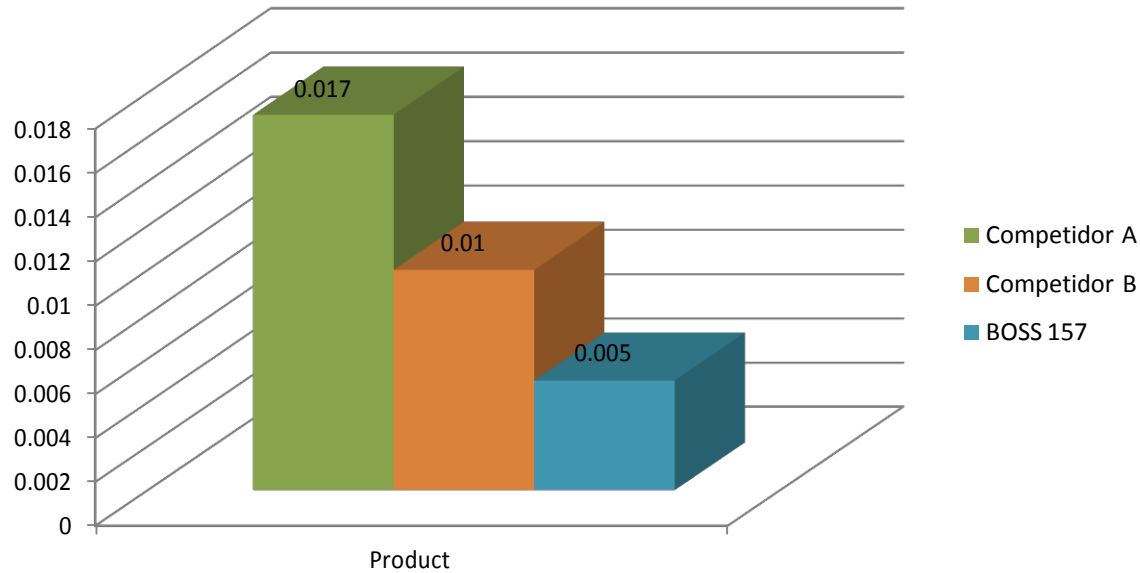
# BOSS-157

- **BOSS-157** — Drilling lubricant is used to decrease the coefficient of friction in any water-based, oil-based or synthetic mud systems.
  - Effectively reduces metal on metal and metal on formation friction.
  - Helps in lowering fluid loss, and adding lubricity to wall cakes.



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# BOSS-157 – Comparative Data



## Torque Reading CoF Comparative Data

Competitor A and B vs. BOSS 157

- 71% improvement over Competitor A vs. BOSS 157
- 50% improvement over Competitor B vs. BOSS 157



# Customer Testimonial

We meet every TD (Total Depth) with the BOSS 155 product, never missed a target. We have been using this product a very long time and plan on using it on all future wells. BOSS 155 reduces the torque and allows us to slide easily. No complaints what so ever.

As far as customer service, BOSS has always got us what we needed when we need we it. We are very well satisfied with their product and their company.

Glen Lee Wright  
CML

**CML**  
**Energy**

**BOSS**  
  
**CHEM**

# Customer Testimonial

BOSS Chem has been able to reduce drilling time by 3 days a well on average on numerous wells. We typically target for 25 days and are able to hit 22 days with BOSS. Best case we had once had targeted 25 and brought it in at 17 days using BOSS product.

Chris Stomley  
WPX



# Customer Testimonial

*Using BOSS 155 we were able to reduce torque and drag issues which lead to better performance across the board.*

*During rotation BOSS 155 delivered increased penetration rates while reducing tool joint and tubular wear.*

*While slide drilling BOSS 155 dramatically decreased the weight on bit needed to drill in high angle extended reach wells and increased control over tool face orientation far beyond that of it's competitors.*

*Prior to running casing BOSS 155 spotted in the lateral insured that the casing shoe was at depth every time and on schedule.*

*With BOSS 155 in the hole we were coming in well under AFE and always under the drilling curve at 20 to 25 days per 1280 spaced Bakken well.*

*BOSS Chemicals customer service is second to none. Alex and Andy Lopez as well as the entire BOSS Chem team have always went above and beyond to provide on time delivery and customer support. They all go far beyond their scope of expertise to ensure that every well is a success and every problem is met with a solution.*

Teel Jensen  
Denbury Onshore

Denbury 

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# Key Differentiators

- Can reduce torque by nearly **70%** - 18000lbs to 7000lbs in some cases.
- Less Drag, improves slide.
- Can reduce drilling times up to from 30 to 17 days
- Keeps bits and MWD motor cooler and lubricated
- We are the manufacturers – **service** is key
- Products are available in 55 gallon drums, 265 gallon totes or in bulk.



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# Our Word – Our Promise



- **We do not fail our customers - ever.** We have learned through the years that our ability to provide the best products and the best customer service is the ultimate to key to a successful relationship. Maintaining our impeccable reputation is extremely important to us and the only way to do this is to insure complete and total success for our customers. **We will never let you down, you have our word.**

**CHEM**

**BOSS**

# Awards



## HISPANIC FORUM OF BRAZOS COUNTY

### 2013 Business of the Year

(L to R - Alex and Andy Lopez)

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# Contact Information

**BOSS Chemical Corp is pleased to announce that World Traders International Inc., has been appointed as their exclusive sales representative for the South American market.**

## **World Traders International Inc.**

16102 Air Center Blvd., Houston, Texas 77032

[www.worldtradersintl.com](http://www.worldtradersintl.com)

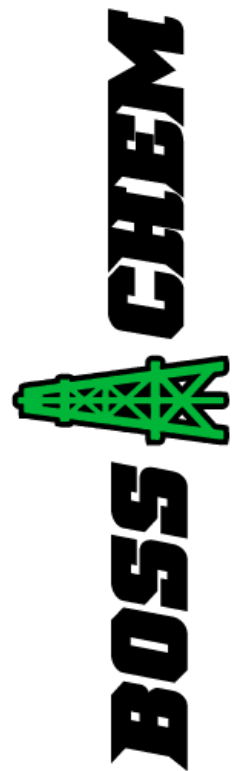
**Frank Reyes**

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**Gil Cepero**

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Whiting Petroleum Corporation

February 2, 2015

Kyle Renton  
Drilling Consultant  
Whiting Petroleum Corporation

To whom it may Concern,

Since being assigned the task of researching and comparing the range of products that could best fulfill our current and future needs while saving money and being effect in the wellbore , I have determined that the BOSS Chem significantly outshines the others in terms of reputation, affordability, support, customer service and sales. All Deliveries are on time and all the empty drums are taken same day. No trash left behind.

Most people think Drilling lubricates are all the same but when you use them daily as we do for drilling horizontal wellbore , not all of them are the same. Boss Chem 155 lubricant reduces wellbore friction dramatically and increases ROP while sliding by half of the other products.

If you asked me for my recommendation on the best Drilling lubricates Boss Chem out shines everyone in the field. There are many out there that are phenomenal. I prefer the Boss Chem Drilling lubricants to better assist me to perform at the highest levels.

If you are looking to spend less money and achieve your highest ROP and wellbore friction loss Boss Chem Drilling lubricants will achieve what you're looking for.

Sincerely,

Kyle Renton

Drilling Consultant  
Whiting Petroleum Corporation

**Whiting Petroleum Corporation**  
1700 Broadway, Suite 2300  
Denver, Colorado 80290-2300





January 29, 2015

Teel Jensen  
Denbury Onshore

To whom it may concern:

I would like to recommend BOSS Chem as a very reliable vendor who manufactures highly effective drilling lubricants. Using BOSS products, we were able to;

- Using BOSS 155 we were able to reduce torque and drag issues which lead to better performance across the board.
- During rotation BOSS 155 delivered increased penetration rates while reducing tool joint and tubular wear.
- While slide drilling BOSS 155 dramatically decreased the weight on bit needed to drill in high angle extended reach wells and increased control over tool face orientation far beyond that of its competitors.
- Prior to running casing BOSS 155 spotted in the lateral insured that the casing shoe was at depth every time and on schedule.
- With BOSS 155 in the hole we were coming in well under AFE and always under the drilling curve at 20 to 25 days per 1280 spaced Bakken well.

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Sincerely

Teel Jensen  
Denbury Onshore

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