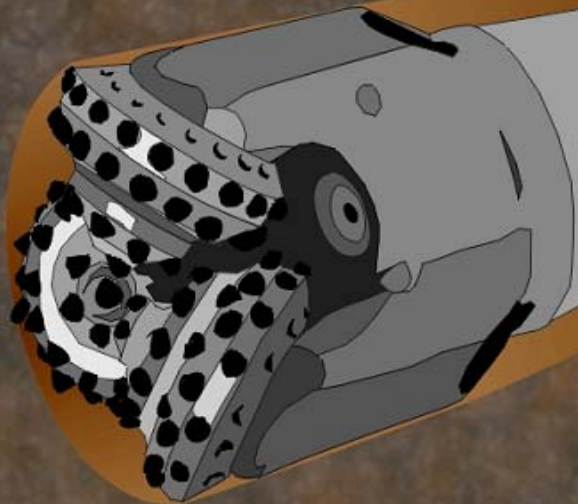


Black Viper Energy Services

Directional, Horizontal

&

Under-balanced Drilling Services



Black Viper Energy Services

Directional, Horizontal, And Under-balance Drilling Services

Main Office Located

at

11220 West County Road 127
P.O. Box 2552
Midland, Texas 79702

Telephone (432) 561.8801
Fax (432) 561.8870

www.blackviperenergy.com



Producing 4100 mcf While Drilling



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SECTION 1

COMPANY OVERVIEW

Black Viper Energy Services provides Horizontal and Directional Drilling and Measurement While Drilling (MWD) services. Our corporate statement reads: “With a focus on Customer Service and by demonstrating leadership in the application of technology for the energy industry, the Company will provide superior value for clients, and employees.” In August of 2003 Black Viper Energy Services was formed. Our goal is to supply the best customer service that we can possibly supply for a fair price. We plan on accomplishing this goal by employing the best possible people that we can find. We are planning ahead for our anticipated growth. Black Viper’s personnel have over 60 years combined experience in directional & horizontal drilling. Black Viper’s directional drilling expertise is second to none. We have serviced wells both on land and offshore from Florida to California and everywhere in between. We are a progressive company that is not afraid to try cutting edge technology and new ideas. Black Viper has been involved in all types of work including Short Radius Drilling, dual lateral horizontals, sidetracks, Under-balance Wells, and Extended reach drilling, just to name a few. We do a thorough analysis of offsets with emphasis placed on BHA reactions and tendencies. Also provided will be a torque & drag analysis and hydraulics. We research each particular well plan and will provide recommendations as to the safest and most economical way to successfully complete your well. Black Viper matches the drilling motors to the bit type and formation type to optimize our customers drilling operation. These motors are matched to our own specifications with local applications in mind. Black Viper can provide sizes from 2 7/8 inches up to 9 5/8 inches with whatever power section best fits your particular need. Black Viper also utilizes a retrievable Mud Pulse MWD system. Black Viper’s goal is to be the Premier Directional and MWD Company that will provide “small company service with big company expertise”. We are located in Midland, Texas where we service the entire continental US market. We have dedicated, focused people who are ready to serve you. Please give us a call and let us prove ourselves to you. We feel confident in being able to exceed your expectations.

Randall Taylor
President

Floyd Clemence
Technical Sales

Ruben Clemence
General Manager

Dusty Sewell
MWD Coordinator

Larry Burton
Well Design Engineer



SECTION 2

Our Vision ...

- ✔ **Short Radius and Under balance = Cost Savings**
- ✔ *Integrated Management is Critical*
- ✔ *Proper Planning for Completions is Critical*
- ✔ *Return on Investment will Increase*



SECTION 3

SUPPORT STAFF

Randall Taylor : President / Job Supervision W/ 25 Years in the Oil Industry

Dusty Sewell : MWD Coordinator

Larry Burton : Well Design Engineer

Floyd Clemence : Technical Sales

Ruben Clemence : General Manager

Greta Faychak : Executive Assistant

Shelly Beasley : Accountant



Black Viper Energy Facility



SECTION 4 **Health and Safety**

Black Viper Energy Services **Health and Safety**

The safety of workers and the protection of the Environment are integral parts of the business operations of Black Viper Energy Services. The company will operate in a manner that minimizes adverse effects to the environment and ensures the safety and health of its employees, contractors and the public.

In support of this policy, Black Viper Energy Services will:

Maintain practical health and safety programs for all employees.

Encourage self monitoring activities that measure compliance with applicable laws and company standards.

Provide appropriate equipment and training programs that will ensure employees are competent for their individual job functions.

Maintain documented emergency response procedures that allow personnel to respond promptly and effectively to foreseeable emergencies.

Acknowledge good safety performance in the process of selecting contractors and suppliers, or when contracting services.

Ensure systems are in place for reporting and investigating all accidents and serious incidents.

Managers and supervisors are responsible for maintaining the Company Safety and environmental Programs.

However, all employees are responsible for understanding and following Company Safety and Environmental Policies, and Practices and Procedures and for maintaining a safe work environment.

Employees or contractors who knowingly violate the intent of these policies may face disciplinary action.

Randall Taylor
President

Floyd Clemence
Technical Sales

Ruben Clemence
General Manager

Dusty Sewell
MWD Coordinator

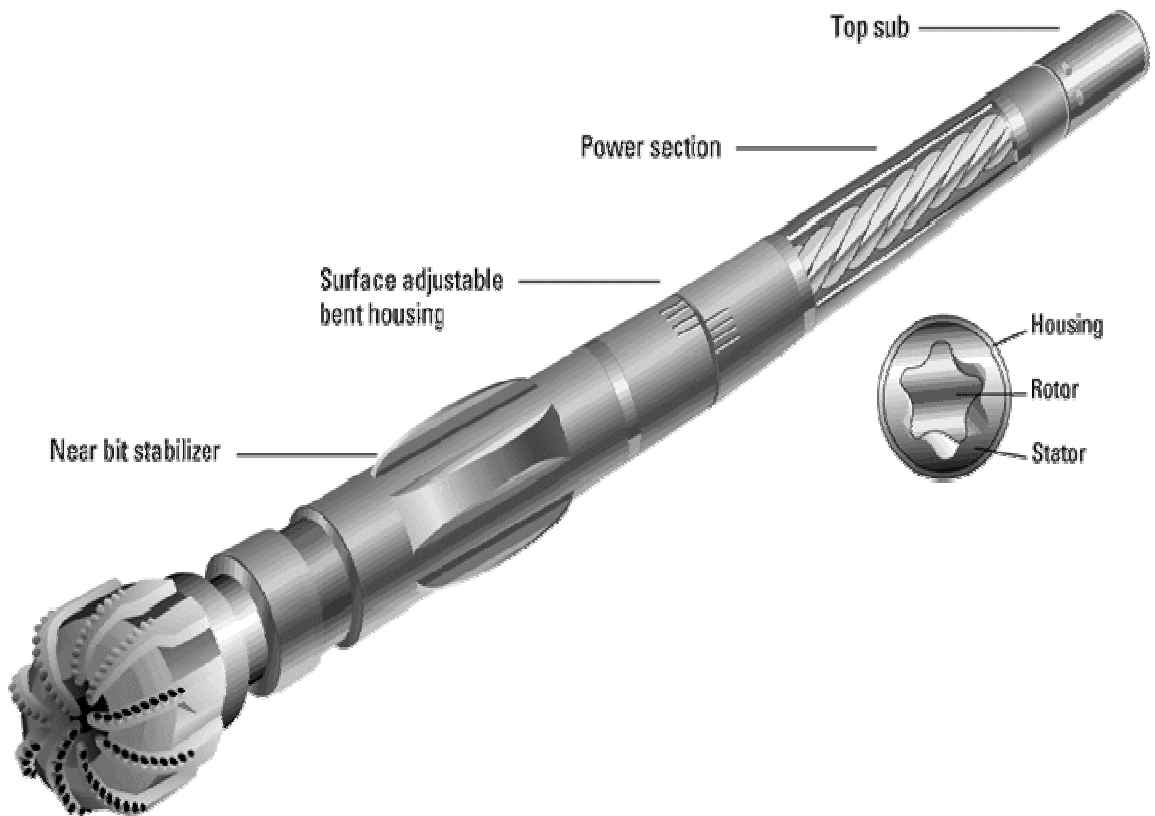
Larry Burton
Well Design Engineer



SECTION 5
Equipment Mechanical Specifications

Full Line of Motors

Surface Adjustable Housings



Wire line Retrievable Positive Pulse MWD

Mechanical

Tool OD : 3.125, 4.75, 6.50, 8.0"
 Length : 34.5", 30", 30", 30"
 Weight : 55#, 95#, 220#, 370
 Hole Size : 3.75" to 12.25"

Operating

Flow Range : 80 gpm to 900 gpm
 Temperature Range : -40F to 302F
 Pressure Range : 20,000 psi

Telemetry Method

Positive Pulse

Gamma Ray Available

Wire line Retrievable :
 Minimum 2" ID.

Wire line Reseat able : Yes

Azimuth Accuracy (+/-) :

1.0 (> 5.0 Inc.) Deg.

Transmitted Resolution Azi. :

0.1 to 3.0 Degrees

Azimuth Range :

0 to 360 Degrees

Inclination Accuracy (+/-) :

0.2 Degrees.....

Transmitted Resolution Inc. :

0.1 to 1.5 Degrees

Inclination Range :

0 to 180 Degrees..

Tool Face Accuracy (+/-) :

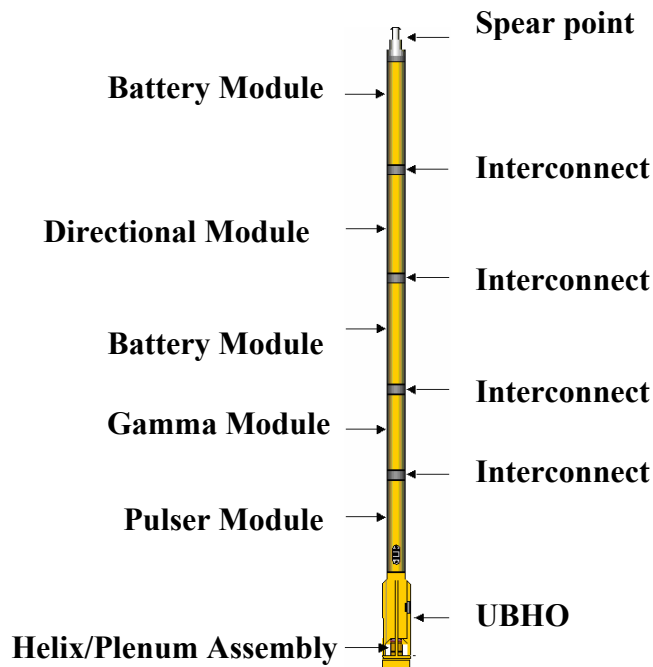
1.0 Degree.....

Transmitted Resolution TF :

0.1 to 15 Degrees..

Tool Face Range :

0 to 360 Degree...



SECTION 6

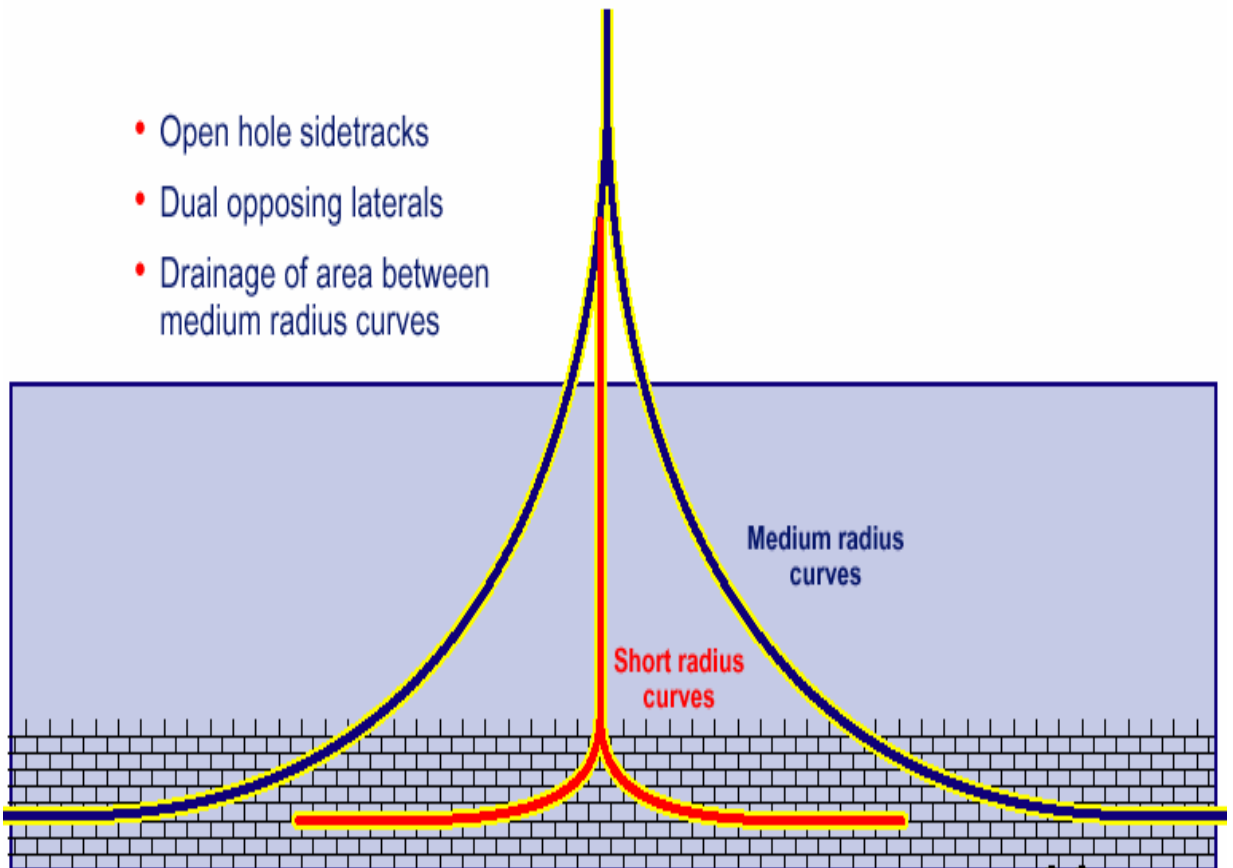
Areas of Experience

- New Mexico = 20 + Directional Wells
- New Mexico = 2 Extended Range 4000 Feet of Departure On an S Type Well.
- New Mexico = San Juan Basin, Multiple Slant Wells
- New Mexico = 6 + Horizontal Wells
- North Texas = 5 + S Wells and UBD Horizontal Wells
- North Texas = 30 + Short Radius Wells
- East Texas = 40 + Horizontal Wells, 10 + Slant Wells
- Alabama = 1 UBD Gas Storage Well
- Oklahoma = Multiple Slant and Horizontal UBD Wells
- Louisiana = Multiple Horizontal Wells
- South Texas = Multiple Slant Wells near Lake Zapata
- Colorado = Multiple Slant Wells near Greeley Colorado
- West Texas = 8 years of Slant, Multi-Lateral Horizontal & Swells
- Barnett Shale = 50 + Horizontal and S- Wells Drilled to Date.



Short Radius Drilling Extensive Short Radius Experience 80+ Wells.

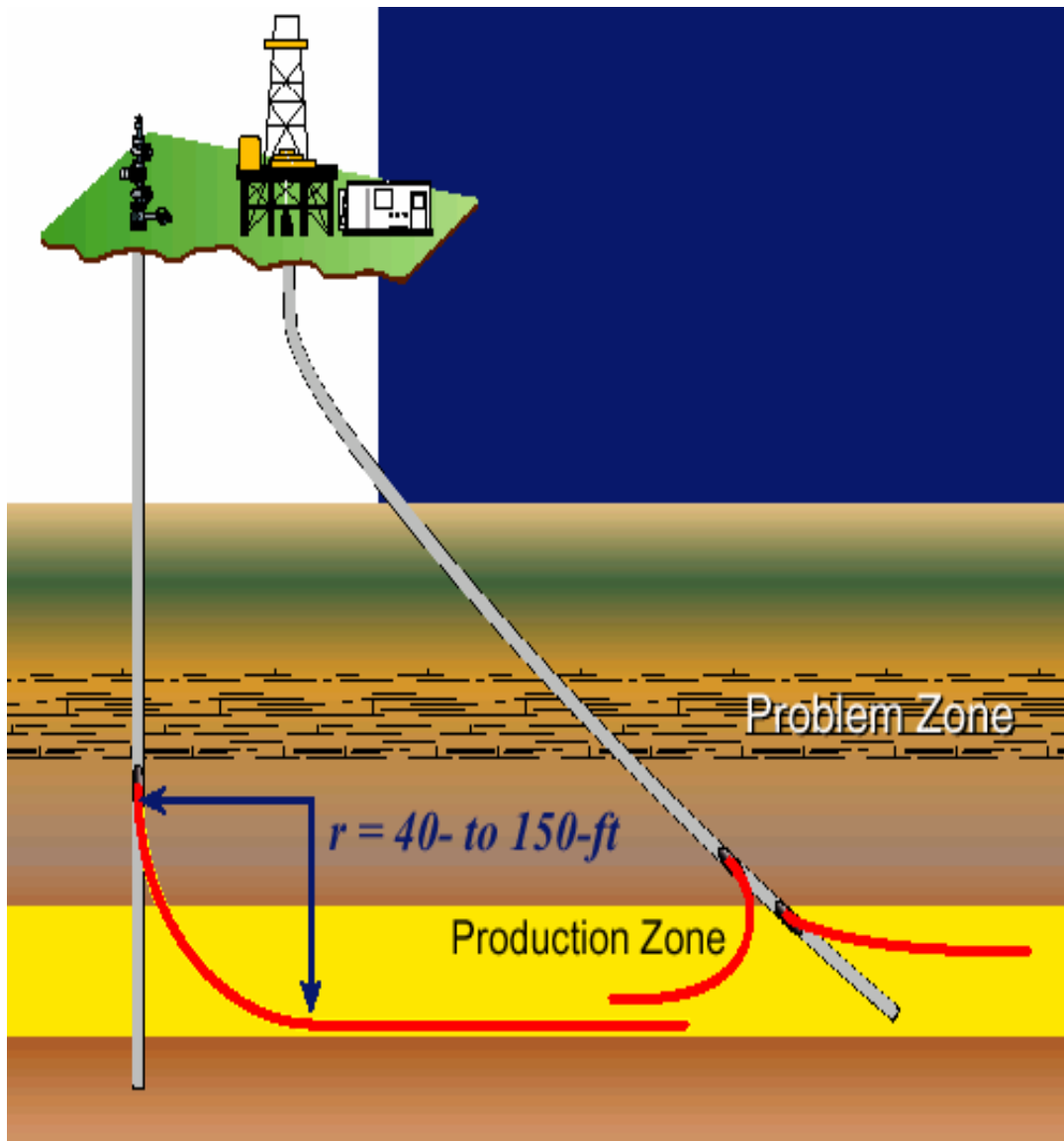
- Open hole sidetracks
- Dual opposing laterals
- Drainage of area between medium radius curves



Reduces or eliminates drilling of overlying formation
Time and cost savings.
Avoids need for shale inhibition



Extended Range Experience in New Mexico



SECTION 7

Cost Savings

**The Black Viper Team Can
Save You Money!!!!!!**

Does the Term “Deeper Cheaper” Count???

It does to us!!!!!!

**We saved one of our Customer’s in New Mexico.
12 Days and \$ 250,000.00 on there 11,800 ft. S-Well.**

We saved a customer in Texas \$ 1,300,000.00 over 9 wells

Call and ask us how!!!!!!



SECTION 8

Underbalance Drilling

Record Motor Run on Air while Dusting

We ran a motor 123.25 Hours while Dusting with air on a well in West Texas
We drilled 3474' in 73.75 Hours with an Average ROP of 47.11 Ft./Hr
And had an additional 49.5 Hour's Circulating and Cleaning the Hole

Our Personnel have been involved in 40+ UBD Wells to Date



**UBD Well Producing 4100 mcf/d while drilling in
Kermit, TX**



Extensive Underbalance Drilling Experience 40 + Successful Wells

Devonian UBD Well Producing 3000 mcf/d while drilling in Monahans, TX



SECTION 9

CUSTOMER REFERENCES

Antero Resources	Enexeco Inc.
Delta Oil and Gas	Dove Petroleum
Cimarex Energy CO.	OakHills Operating
Bass Enterprises	Sundance
Pure Resources	Rio Petroleum
Oxy Permian	C.G. Operating
Voskamp Exploration	3T Exploration
BlueStar Operating	H & M Resources
Pogo Producing	Royalty Operating
Trio Consulting	R.L.Adkins

