

Oil Pump VR Attraction Treatment

HIGH CONCEPT

A whimsical, motion-simulated journey ahead into the next quarter-century of human petroleum production.

CREATIVE INTENT

Venerated Texan scientist Dr. Gassen Auel has recently made a breakthrough with the discovery of petrol-powered time dilation. He will reveal this amazing, proprietary technology at GasEx, the world's foremost energy conference and invite attendees to join him on a historic voyage into the future. There, they will explore how the Gas and Oil industry will progress over the next 25 years. So, strap in and hang on to your Time Twirler as we embark on this trans-dimensional jaunt to the horizons of petroleum power.

FLOOR VIEW

Excitement pervades the atmosphere as we mill around the eye-catching exhibits on the GasEx show floor. But one structure draws our sight high above the teeming rows of booths. A 20-foot, steel pump jack glistens as it rhythmically rises and falls. It is trimmed in thick fiber optic cables that flash with blue electrical currents. Digital panels on the side of the pump's walking beam flash arcane sequences of numbers. Clearly, this is no typical piece of drilling equipment.

QUEUE

Making our way towards the whirring wonder, we walk under a typical conference banner that reads: *Auel Laboratories presents The Petrol-Powered Time Twirler: Bringing you tomorrow, today.* Intrigued by the curious title, we proceed underneath the banner into a path lined by chain-linked stanchions.

After winding through the chains, we enter through the open side of an unassuming booth with three, white plaster walls. As we set foot on the booth's red carpet, our attention is drawn to a table on our right. In the center sits a scale model of the large oil pump we saw from the booth's exterior. It is surrounded by various newspaper and magazine articles with titles heralding the invention of an oil pump that converts crude drilled from the ground into the negative energy needed to accomplish time travel. Many of the clippings include photos of a distinguished looking man with a silver pompadour and thick rectangular framed glasses.

On the walls, we see more photographs of the bookishly bespectacled man leaning over blueprints, working in the oil fields, and tinkering with ocular looking mechanisms.

As we turn right past the desk, we come upon a doorway in the booth's back wall. A sign above the door teases: *Tomorrow is just a few steps away!* Agog with curious excitement, we press ahead.

PRESHOW

On the other side of the door, we emerge in a narrow hallway hung with framed concept drawings and blueprints of the time dilator and a barrel shaped contraption called the Time Twirler. We can only wonder what its function could be.

At the end of the corridor, we enter into a small, dimly lit room with a large television on the wall. As we file into the room, the monitor illuminates with an Auel Laboratories logo.

A driving, synth soundtrack underscores the image as it fades to footage of a team of lab coat-clad researchers rushing around a busy control room, full of arcane panels of buttons and levers. Seated at the large control board in the center of the room is Dr. Gassen Auel himself. He looks up from the board as the score fades and the camera zooms into a medium shot. With an ebullient smile, the doctor addresses us in his Texan drawl.

AUEL: "Ah! You've made it! Welcome one and all to this historic event! My name is Dr. Gassen Auel, head scientist of Auel Laboratories. I'm excited to see you here as we realize the culmination of years of research in the first petrol-powered journey through time. Soon, you will embark upon an amazing journey 25 years into the future, where yours truly will show you the incredible strides in human oil production. But first, let me introduce you to my latest invention."

Dr. Auel presses a button on the console and the video cuts to a 3D animation of the giant oil pump.

AUEL: "This is the petrol-powered Time Dilator. An incredible machine that converts oil drilled from the ground into negative energy."

An image of the barrel-shaped vessel appears onscreen to the right of the pump.

AUEL: "When connected to what we at the lab call the Time Twirler, it can rotate passengers forward in time."

The animation cuts back to Auel at the control board.

AUEL: "How? That's proprietary. But I assure you, this journey into our industry's promising tomorrow will fire your imagination and inspire the spirit of innovation that will help to make this future a reality."

One of the researchers walks over to Dr. Auel and taps him on the shoulder.

RESEARCHER: "The Time Dialator is at full power, Dr. Auel."

AUEL: "Well travelers, looks like we're ready for you. I'll be riding along with you on this journey, explaining the many exciting innovations you're going to see. Good luck, and I'll see you in the future."

The energetic soundtrack returns as the video fades back to the Auel Laboratories logo.

A door on the wall to our right opens and in walks a spirited young lady in an Auel Laboratories lab coat. She beckons for us to follow her.

LOAD

We exit the briefing room up a flight of stairs and out onto a narrow, canopied metal gangway.

Clearing the long walkway, we find ourselves face to face with Dr. Auel's Petrol-Powered Time Dilator. The metallic tenor of the gargantuan pump jack's steel chassis rings energetically as it churns up and down. Digital panels on the sides of the walking beam flicker long sequences of numbers, causing the humming cables along the pump's edges to pulse different colors of light.

Our lab coat-clad attendant guides us out onto an elevated metal platform that surrounds the pump jack. Standing about 5 feet above the show floor, we can see crowds collecting at the platform's base to witness this historic journey.

Along the interior quadrilateral railing around the time-bending behemoth are the cylindrical two-seat Time Twirlers. There are two of these trans-dimensional wonders on each of the four sides. Their white, metallic exteriors are covered with exposed wiring and enigmatic looking panels that light up in sync with the pump jack.

Large coiled cables protrude from the top of the barrel and run behind the devices, appearing to connect the Time Twirlers to the pump jack.

The attendant leads us to our Time Twirler and seats us in the comfortable leather pilot seats. After instructing us to fasten and test our safety belts, she calls our attention to two headsets with goggles hanging to our sides. She asks us to put on our "safety goggles" and to stare ahead as she calibrates them to allow us to see objects "travelling faster than the speed of light."

A moment later, the Auel Laboratories logo appears in front of us. After confirming our goggles are working, the researcher wishes us “good luck.” We thank her as we settle back into our seats, excited to begin our adventure!

SHOW SCENE 1 – The Journey Begins

In a snowstorm of static, the Auel Logo disappears. We see Dr. Gassen Auel seated inside a Time Twirler and wearing safety goggles, an ecstatic smile spread across his face.

AUEL: “Alright, time travelers! Hang on to your watchamachallits! The future is waiting!”

The doctor presses a flashing green button on a control panel to his right, and we feel our Time Twirler begin to spin like a top (turn-table).

SHOW SCENE 2 – Time Traveling

Dr. Auel disappears into a kaleidoscopic vortex as our Time Twirler picks up speed. The tornadic time rift roars with tornadic intensity as our vehicle rumbles through its iridescent clouds of particulate matter.

The clouds of matter race into the formation of various, indiscernible objects, as the sound of the vortex grows to a deafening volume.

SHOW SCENE 3 – Oil Field of Tomorrow

WHOOSH! The vortex disappears in a flash of light and our Time Twirlers jolts backwards as the spinning comes to abrupt halt.

Our eyes squint as the bright light flares again before beginning to fade. We feel our Time Twirler rattling beneath us, as if rolling over bumps. The dull whir of what sounds like an electric motor hums in the background. Suddenly, Dr. Auel exclaims ecstatically.

AUEL: “Hah! Success! Welcome, my friends, to the oilfield of tomorrow!”

As the glare fades, we find ourselves travelling past rows of large, curved solar mirrors lined up in a desert valley. The panels of glass reflect the torrid sun back towards a black pipe suspended parallelly above the convex mirrors. We look overhead as the pipe directly above hisses and emits steam.

AUEL: “I know what you’re thinking! Why begin our tour of gas & oil’s future here on a solar farm? Well, it just so happens that tomorrow’s oil will be drilled by less expensive, more efficient power provided by alternative energies such as solar power and wind power.”

Our barrel tilts to the left as we appear to ascend up an incline. The Time Twirler rotates right to reveal that we are sitting in the rail-lined bed of a truck driving up a rocky hill. In lieu of a driver, we see a large, rectangular scanner spanning the width of the vehicle's slanted, streamlined face.

Past the vehicle's nose, we see a cloud of dust appear on the top of the precipice. The vibration of what sounds like a pack of horses rumbles beneath the truck. The scanner beeps as it shifts to the right, rocking our barrel.

We stare in wonder as a pack of quadrupedal robots with long, armored legs gallop gracefully down the slope on our left. The camera-like faces on their long, multi-jointed necks turn to us as we pass by.

AUEL: "As you can see, a bevy of mechanical wonders will comprise the automated staff of tomorrow's oilfields. Autonomous, A.I.-enabled robots synced to the oilfield's central computer mainframe, will perform daily operations, maintenance, and inspections, improving efficiency and data collection while keeping human workers away from hazardous conditions."

Our Tim Twirler rotates to the left as we watch the maintenance robots rush down the mountainside towards the solar farm.

The truck veers left and comes to a stop as it reaches the top of the hill, giving us a vista of the vast oil production facility, from the solar mirrors in the foreground to the gleaming, skyward-reaching derricks off in the distance.

Gears hum as the Twirler rotates 180 degrees, giving us viewshed of a crystalline blue ocean.

AUEL: "Of course, the true marvel of tomorrow's oils industry is not only **how** it operates. But **where!**"

To the sound hydraulic pumps, our Time Twirler tilts slowly forwards. The truck is about to dump its payload! We brace ourselves as we slide out of the metal bed and begin our plummet down the other side of the hill.

SHOW SCENE 4 – Rolling "Drillsides"

We exclaim in exhilaration as our Time Twirler appears to fall freely down the hillside. Before we have tumbled more than a few feet, our vehicle rattles with a metallic clang.

WHISH! All of a sudden, our barrel begins to slide down a glass-encased tube built into the hillsides. Compressed air hisses in our face as it propels our Time Twirler down the shoot.

As we shoot downwards, our barrel lilt from side to side, giving us a glimpse at the myriad of pump jacks drilling into the mountainside. Dr. Auel addresses us loudly over the roar of the air.

AUEL: "Thanks to advancements in methods like horizontal and multilateral drilling, oil deposits once considered inaccessible are well within reach. And former operational obstacles like shale, are now easier to circumvent with customized drilling path technologies."

Automated robots with cleated treads zoom by on our right, as we continue our speedy descent. Soon, the barrel passes by cantilevered metal docks protruding from the mountainside, where mechanical longshoremen work sedulously away lifting oil barrels.

Our Time Twirler rotates back to center just as we appear to be nearing the base of the mountain, where a large oil tanker is moored.

We scream in surprised delight as our Time Twirler speeds past the freightliner into the ocean below!

SHOW SCENE 5 – Offshore Excursion

SPLASH! We hold onto our seats as the Time Twirler crashes into the depths with a jarring jolt. The light from the desert sun fades as we quickly sink deeper into the murk.

Suddenly, two orbs penetrate the abyssal darkness with a low, blue glow. The water around us surges ominously as the subaqueous entity approaches us rapidly. We lilt from side to side as the creature whooshes past us in a long, gossamer blur.

AUEL: "Don't worry! That's no sea serpent."

The two blue lights emerge from underneath our Time Twirler and glow directly at us. Up close, we can see that they comprise the face of a long, metallic undersea robot. Above the two lights, in a yellow frame is a large, round camera lens that dilates as it focuses on us. Behind the droid's circular face, we can see its white armor-clad, serpentine body swaying in the current.

AUEL: "Meet Eulume Mach 2, one of the century's greatest innovations in offshore drilling technology."

A pair of electronic grabbers extends from beneath Eulume's face and grabs our Time Twirler.

AUEL: "This achievement in modular technology improves upon its predecessor in being the first free-moving service bot of its kind."

The vehicle swivels as the robot swerves around to carry us further asea.

Shortly along our journey, we see a veritable city of lights appear on the ocean floor. Our Time Twirler tilts forward as Eulume dives towards the illuminated towers.

AUEL: "Of course, Eulume is far from the only undersea wonders. In the future, subaquatic prospecting, drilling, and facilities construction will be accomplished entirely by robots. Completely independent and reliable, they will outmode the need for even surface control from oceangoing vessels. These mechanical laborers are designed to install their own underwater charging ports, which allow them to perform round the clock operations that will send productivity to new heights!"

Every size and manner of submarine robot whizzes through the labyrinth of pipes, tanks, and charging ports. Eulume ducks and dodges as it deftly swerves to avoid the oncoming traffic.

Our Time Twirler tilts backwards as our electronic ferryman pilots us towards the surface. As we ascend, we catch the glint of sunbeams playing on the water's surface.

Below our seats, we can feel the rumble of Eulume's claw letting us loose.

As we float towards the surface, the barrel rotates and our robotic escort wave it's steel grippers at us.

SHOW SCENE 6 – Rigged

With a resounding *plop*, the Time Twirler bobs to the surface. Not an instant later, there is a ponderous clanging above our heads and our vehicle begins to rise from the water.

The barrel rotates to the left as we rise higher, and comes in view of a large, red pylon. A moment later, our vehicles draws backwards revealing a panorama of a massive oil rig. We can see that the Time Twirler is being hoisted in the air by a large crane.

AUEL: "The future will change few gas and oil institutions more dramatically than the offshore drilling platform. What used to take thousands of highly-trained workers to do, will be governed by an intricate network of computers."

As the crane swings us to our right, we take notice of the high-tech ocean platform. The futuristic facility looks hyper-streamlined, with significantly less pipework and wiring than contemporary examples. Solar panels and windmills on the platform's roof account for the absence of stereotypical carbon-belching smokestacks

AUEL: "With up-to the second performance metrics, state-of-the-art preventative maintenance protocols, as well as practical precautions such pipelines insulated with durable, absorbent polymers, catastrophes such as oil spills are a thing of the past."

The crane sets us down on a helipad just as a helicopter takes flight. Wind from the rotors grazes our faces.

AUEL: "The independence of these offshore facilities will make human presence only a biannual necessity. Which is great, because our brainpower will be needed elsewhere. Hang on!"

All of a sudden, we hear the roar of thrusters. Our Time Twirlers begin to rattle as smoke emits from beneath it.

SHOW SCENE 7 – Astro Oil

We grip our armrests as our time-bending barrel launches skyward. The azure sky soon gives way to the starry mantle of space as we rocket ahead.

AUEL: "While gas and oil will continue to power the world in which we live, the tireless search for source of that power will challenge our ambitions in frontiers of space."

Our Time Twirler slows as the thrusters cool. Floating weightlessly towards the Moon, our path is soon thwarted by a massive asteroid.

AUEL: "By 2044, energy companies will have boldly begun fledgling mining endeavors on asteroids, meteors, and other large bodies of space rock drifting in close proximity to earth."

As our Time Twirler passes underneath the large space rock, we see a contingent of robots prowling the surface.

AUEL: "Remote-operated robots will use magnetic technologies to comb the asteroid's surface to probe for the organic and mineral materials needed to make fuel. These robo-prospectors will be controlled both from Earth and satellite space stations."

Passing under the rock, we come upon a circular, modular space station that reads "G & O Co." on the side. Next to the text is a Texan flag.

AUEL: "These first attempts at space mining and drilling will serve not only to expand our resources, but to test and refine technologies before pioneering operations in asteroid belts, and eventually, on other planets!"

As we glide past the space station, our Time Twirler veers left. In the distance, we can see Mars, ethereal nebulae, and other space stations floating in the boundlessness.

AUEL: "The sky will no longer be the limit for gas and oil. We will reach for and explore the stars and beyond!"

Suddenly, our vehicle begins to rocket ahead until the star-spangled vacuum gives way to the same swirling vortex of space-time.

SHOW SCENE 8 - Down to Earth

BOOM! In a blinding flash of light, we find ourselves back in modern times. Through our goggles, we see Dr. Gassen Auel alight his Time Twirler into a control room full of ecstatically applauding researchers.

After making his way through the crowd, he approaches us.

AUEL: “Well, my friends. I hope you’ve enjoyed this landmark voyage into the future of gas and oil. But remember, this tomorrow can only become a reality through innovation and exploration that begins here and now with you. From all of us here at Auel Laboratories, thanks for joining us, and we’ll see you in the future.”

The doctor and his ebullient team wave at us as the feed fades to the Auel Laborites logo.

UNLOAD

Our attendant welcomes us back from the future and helps us remove our “safety goggles.”

After stepping out of our Time Twirler, she invites us to take a more in-depth look at some of the technologies we saw on our odyssey in Dr. Auel’s Future Energy Expo exhibit. She courteously ushers us to the end of the metal platform and down the stairs.

EXIT

At the bottom of the stairs, we find ourselves at the shining, silver ingress to Dr. Auel’s Future Energy Expo. Large, triangular panels flank the doorway. Fiber optic cables, similar to those on the side of the Time Dilator, pulse light, as if pointing us through the entrance.

Inspired by our edifying, trans-dimensional journey, we press ahead, eager to explore the exciting horizons that await the gas and oil industry!

COST ANALYSIS

Show Production - **\$100,000**

Dual Simulator Eggs (8) – **\$64,000**

Per cap cost- \$8,000

Turntables (8) - **\$304,000**

Per cap cost: \$38,000

Steel Scaffolding (864sq. ft.) - **\$16,000**

Per Sq. Ft. Cost: \$18.50

Oculus VR Headsets (16) - **\$8,000**

Per cap cost: \$500

Fan units (16) – **\$160**

Per cap cost: \$25

Pump Jack – **\$50,000**

Fiber optic Cables (50 ft.)- **\$500**

Per foot Cost: \$5

Signage- **\$100**

Desk- **\$100**

Props- **\$1000**

TV Monitor - **\$1,200**

Display Booth- **\$40,000**

Digital panel - **\$2,000**

Chain queuing (200 ft.)- **\$1,600**

Per foot cost: \$8

Stanchions (10)– **\$400**

Per cap cost: \$10

Total Attraction Cost: \$589, 060