



Texan Minerals and Chemicals

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Texan Minerals and Chemicals

PRODUCTS ARE STOCKED IN STAFFORD, TEXAS WAREHOUSE



**709 Avenue E, Suite B,
Stafford, TX 77477**



QUALITY PRODUCTS AT WHOLESALE PRICES

- **READY GUAR[®] 41/46 GUAR POWDER**
- **DPAM FR - FRESH, HIGH BRINE, AND CATIONIC**
- **XANTHAN - DISPERSIBLE AND NON-DISPERSIBLE**
- **XANTHAN ALTERNATE**
- **CALCIUM CHLORIDE**





Texan Minerals and Chemicals

WAREHOUSE NEAR WELLSITES



TRANSLOADING PRODUCT TO PNEUMATIC TRAILERS



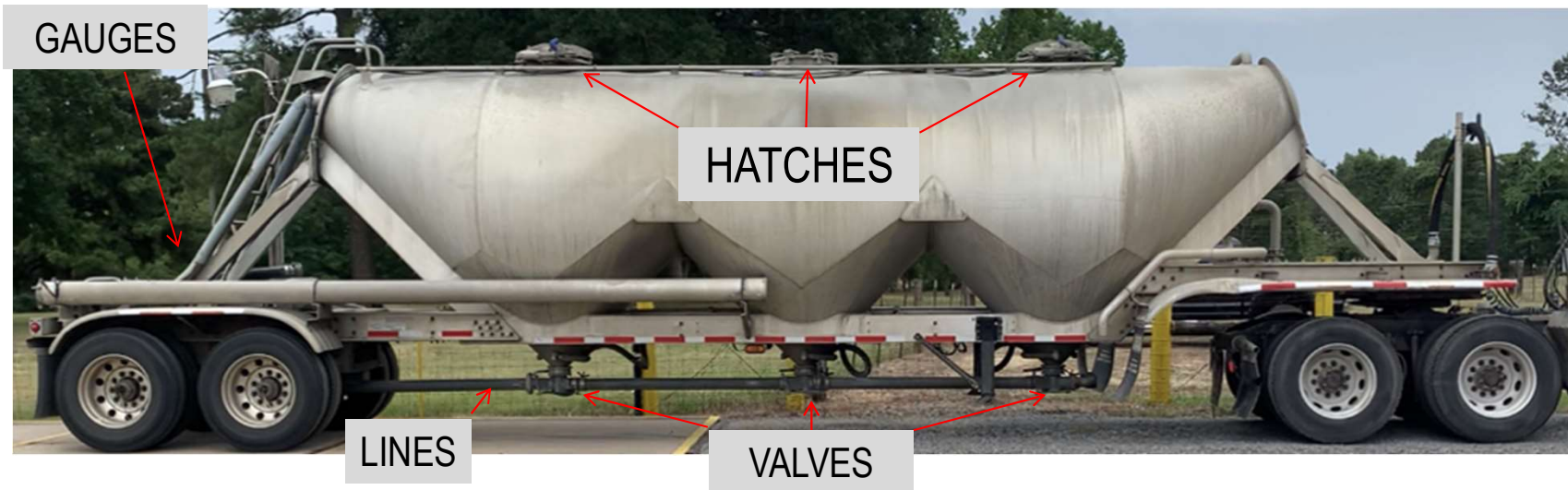


Texan Minerals and Chemicals

PROMISE TO OUR CUSTOMERS ON SERVICE



- TEXAN PRODUCTS ARE TESTED FREQUENTLY TO MEET CUSTOMER SPECIFICATIONS
- ALL PNEUMATIC TRAILERS AND ASSOCIATED EQUIPMENT ARE FULLY INSPECTED
- POWDER AVAILABILITY 200% NEAR WELLSITES TO ENSURE CUSTOMER PROJECTED USAGE
- TEXAN TEAM IS COMMITTED TO DELIVER PROMPT CUSTOMER SERVICE 24/7





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PROMISE TO OUR CUSTOMERS ON SERVICE



- TEXAN IS DEDICATED TO DELIVER SAFE, DEPENDABLE, QUALITY, AND ECONOMICAL SERVICE
- PRODUCT WILL BE DELIVERED WITHIN SPECIFIED TIME
- TWO PNEUMATIC TRAILER REDUNDANCY AT THE WELLSITE OR THE STANDBY YARD
- OUR CORE COMPANY VALUES FOCUS ON SOCIAL RESPONSIBILITY AND ENVIRONMENTAL PROTECTION



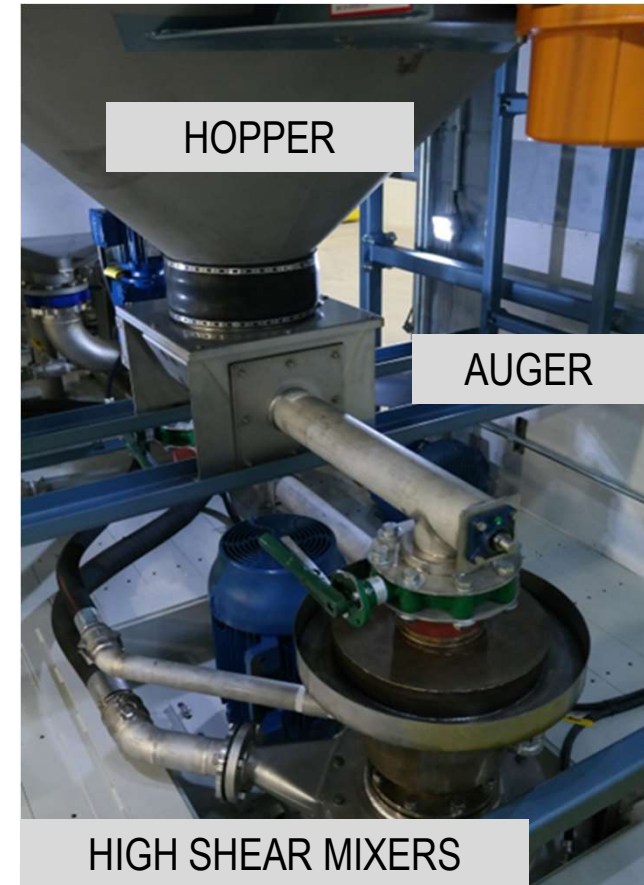


Texan Minerals and Chemicals

DRY POWDER HYDRATION UNIT



- REDUCE POWDER HANDLING PROCESSES AND REDUCE LABOR TO INCREASE EFFICIENCY
- MINIMIZING DUST EXPOSURE FOR OPERATOR SAFETY AND LESS CLEANING REQUIREMENTS AND RISKS
- ELIMINATE CLUMPING AND FLOATING POWDER TO ENHANCE THE MIXING PROCESS
- PROVIDE SOLUTIONS TO DELIVER EFFECTIVELY POWDER FOR EFFICIENT FRAC OPERATIONS



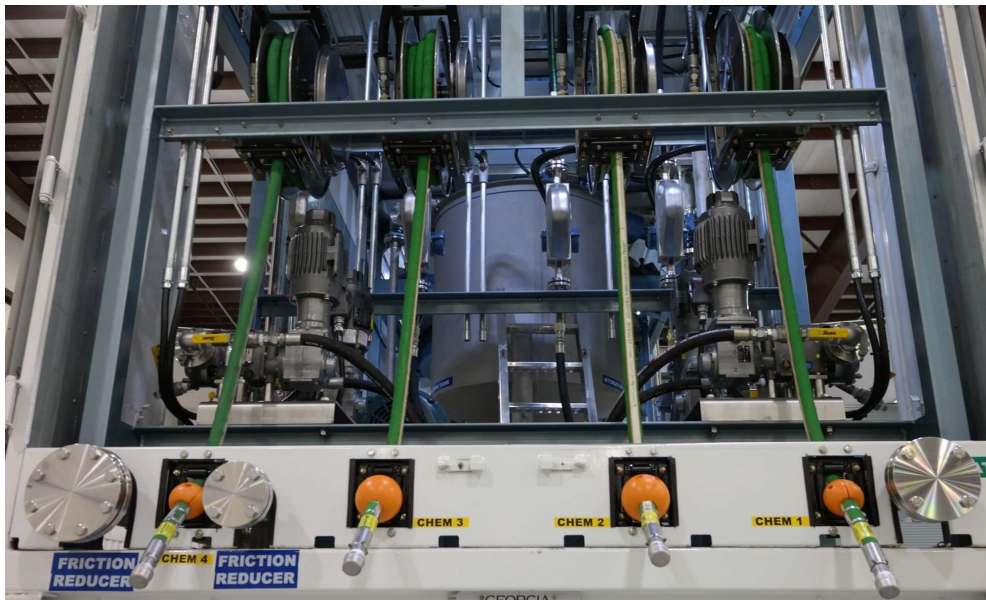


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DRY POWDER HYDRATION UNIT

- PREPARING HYDRAULIC FRACTURING CHEMICALS POWDER AT A CENTRAL LOCATION WHICH CAN BE READILY TRANSPORTED TO AN OIL OR GAS WELL IN A FORMATION AT A WELL SITE.



DISCHARGE
POLYMER SOLUTION, MANIFOLD



SUCTION PUMP → HOPPER & MIXERS → FRAC VAN
INTEGRATION



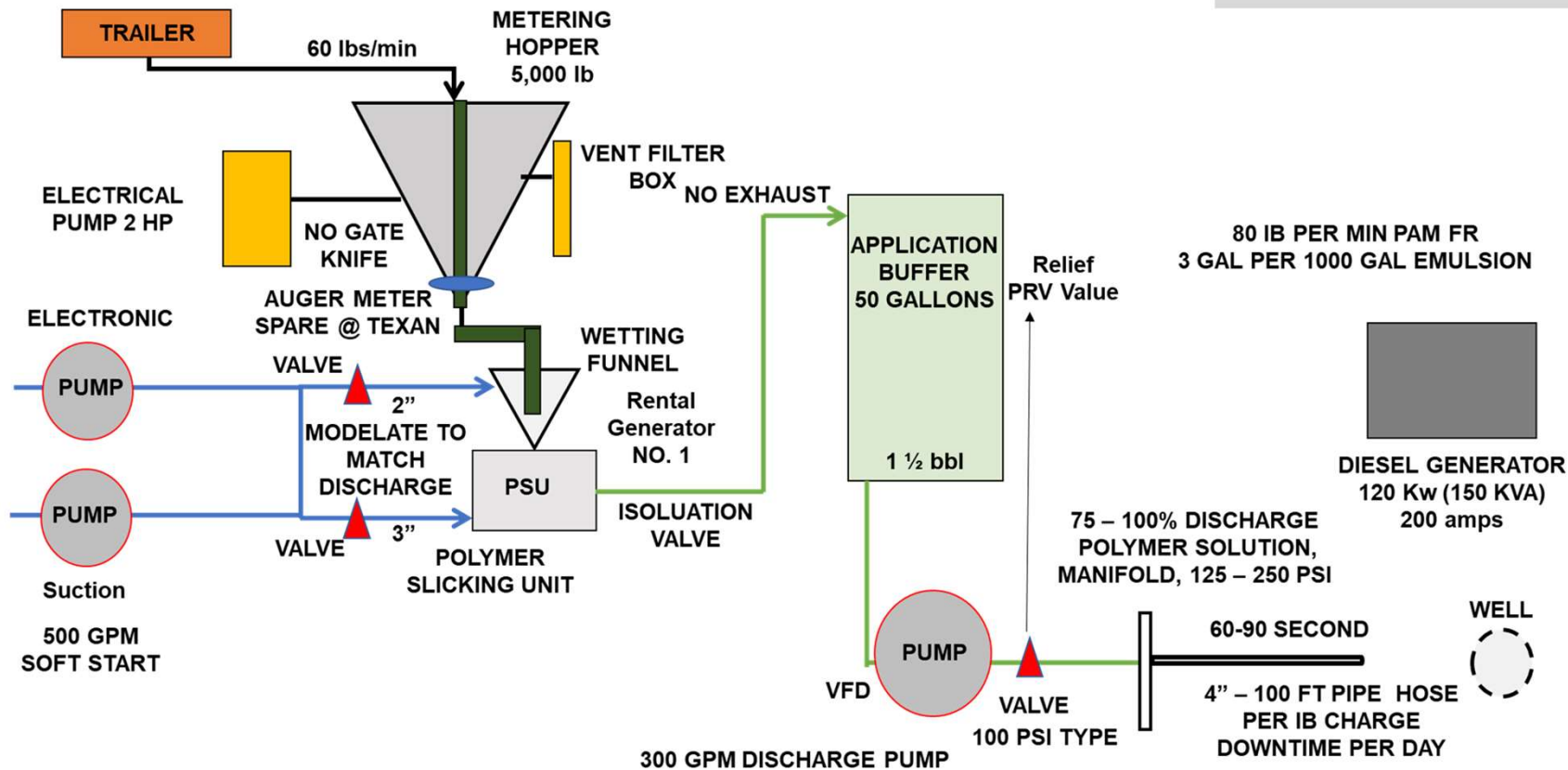
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DRY POWDER HYDRATION UNIT



Backup ▲ 150

TOP PLAN VIEW





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DRY POWDER HYDRATION UNIT

HYDRATION UNIT SPECIFICATIONS FOR HYDRAULIC FRACTURING

DRY POLYMER POWDER FEED RATE:	2 - 60 LBS/MIN
MOTHER SOLUTION CONCENTRATION:	1.0 - 2.5 %
FR FEED RATE:	2.0 – 5.0 BBL/MIN
DRY FR DOSAGE RANGE:	< 15 PPT (LBS DRY FR/1000 GALLONS FRAC FLUID)
DRY FR DOSAGE EQUIVALENCY TO EMULSION:	< 6 GPT (NEAT EMULSION FR/1000 GALLONS FRAC FLUID)
CPDU TRAILER DIMENSIONS:	35' L × 8.5' W × 13.5' H
DRY FR STORAGE:	2,900 LBS
DRY FR STORAGE:	5,000 LBS
POWER GENERATION REQUIREMENT:	120 KW



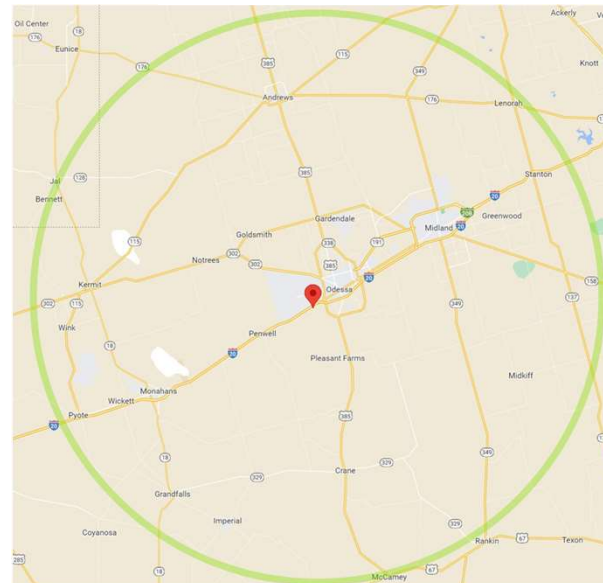
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LOCATION OF THE WELLSITES

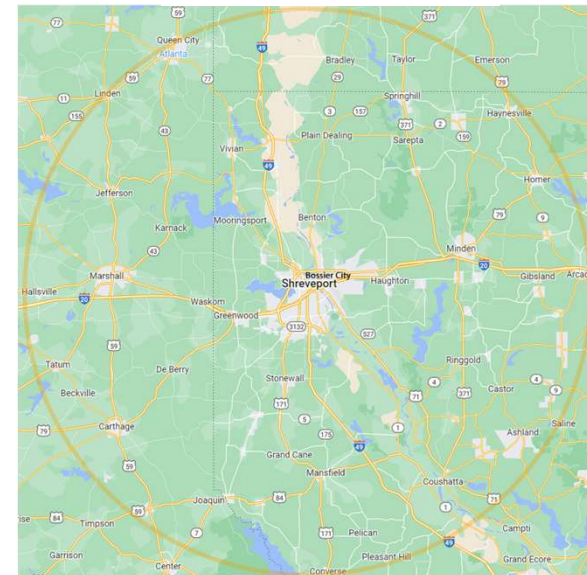


- SIX PNEUMATIC TRUCKS SHUTTLE FROM PNEUMATIC LOADING YARDS TO WELLSITES 50-75 MILE RADIUS FROM THE LOCATIONS
- TWO PNEUMATICS POSITIONED AT THE WELLSITE

ODESSA, TX



SHREVEPORT, LA



ALL TEXAN DELIVERY AND SERVICES ARE IMPLEMENTED WITH HIGHEST DEPENDABILITY FOR WELLSITE OPERATIONS