

# QUASAR ENERGY SERVICES, INC.



www.quasarenergyservices.com

3288 FM 51  
Gainesville, Texas 76240  
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



FRACTURING | ACID | CEMENT | NITROGEN

<b>BID #:</b> 9748		<b>AFE#/PO#:</b> 0	
<b>TYPE / PURPOSE OF JOB:</b> LONG STRING		<b>SERVICE POINT:</b> Liberal, KS	
<b>CUSTOMER:</b> BLUE STAR HELIUM		<b>WELL NAME:</b> JACKSON 4L4 3154	
<b>ADDRESS:</b>		<b>LOCATION:</b>	
<b>CITY:</b>	<b>STATE:</b>	<b>ZIP:</b>	<b>COUNTY:</b> LAS ANIMAS <b>STATE:</b> CO

<b>DATE OF SALE:</b> 3/13/2024		<b>Perforations:</b> to				
QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
410	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.69	\$ 2,332.90
410	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.89	\$ 3,644.90
1	5622	L	Per Well	Pumping Service Charge -1	\$2,361.56	\$ 2,361.56
4	1020	L	Per Unit/HR	Wait - Per Unit Per Hour	\$589.05	\$ 2,356.20
<b>Subtotal for Pumping &amp; Equipment Charges</b>						<b>\$ 10,695.56</b>

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
6	5751	L	Per Gal	C-41L Defoamer Liquid	\$49.60	\$ 297.60
185	5635	L	Per Sack	Cement - Class A (LB)	\$24.01	\$ 4,441.85
500	5770	L	Per Lb.	Calcium Chloride	\$1.56	\$ 780.00
40	5801	L	per Lb.	Fiber Lock	\$7.87	\$ 314.80
330	5803	L	Per Lbs.	Tactical Blitz	\$2.68	\$ 884.40
300	5850	L	Per Lb.	Gypsum	\$1.07	\$ 321.00
300	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.49	\$ 747.00
200	5930	L	Per Lb.	Sugar	\$2.84	\$ 568.00
840	5952	L	Per Gal	MS Spacer	\$2.19	\$ 1,839.60
<b>Subtotal for Material Charges</b>						<b>\$ 10,194.25</b>

<b>MANHOURS:</b> 28	<b># WORKERS:</b> 3	<b>Subtotal for Material Charges</b> <b>\$ 10,194.25</b>	
<b>WORKERS</b>		<b>TOTAL</b>	<b>\$ 20,889.81</b>
CHAD HINZ		<b>DISCOUNT: 20%</b>	<b>DISCOUNT \$ 4,177.96</b>
NOEL LEON		<b>DISCOUNTED TOTAL \$ 16,711.85</b>	
RUBEN MARTINEZ			

<b>STAMPS &amp; NOTES:</b>	As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.
	<b>CUSTOMER SIGNATURE &amp; DATE</b>
	Signature:  Date: 3/13/2025
*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.	
Print Name: <b>Trent A. Scroggins</b>	



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Form 185-2r

3/13/24

CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> BLUE STAR HELIUM				<b>Well Name:</b> JACKSON 4L4 3154			
<b>Type Job:</b> LONG STRING				<b>AFE #:</b> 0			
CASING DATA							
<b>Size:</b> 7		<b>Grade:</b> J55 20		<b>Weight:</b> 0			
<b>Casing Depths</b>		<b>Top:</b> 0		<b>Bottom:</b> 0			
<b>Drill Pipe:</b>		<b>Size:</b> 0		<b>Weight:</b> 0			
<b>Tubing:</b>		<b>Size:</b> 0		<b>Weight:</b> 0		<b>Grade:</b> 0	
<b>Open Hole:</b>		<b>Size:</b> 8 3/4		<b>T.D. (ft):</b> 1123		<b>TD (ft):</b> 1123	
<b>Perforations</b>		<b>From (ft):</b> 0		<b>To:</b> 0		<b>Packer Depth(ft):</b> 0	
CEMENT DATA							
<b>Spacer Type:</b>		MS SPACER					
<b>Amt.</b>	30 BBL	<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>		<b>Density (PPG)</b>	
<b>LEAD:</b>						Excess	
<b>Amt.</b>		<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>		<b>Density (PPG)</b>	
<b>TAIL:</b> CLASS A 2%GYP, 2%SMS, 3%CC, 2#BLITZ						Excess	
<b>Amt.</b> 185						<b>Sks Yield</b> 1.86	
				<b>ft<sup>3</sup>/sk</b>		<b>Density (PPG)</b>	13.29
<b>WATER:</b>							
<b>Lead:</b>		<b>gals/sk:</b>		<b>Tail:</b> 10	<b>gals/sk:</b> 44	<b>Total (bbls):</b>	44
<b>Pump Trucks Used:</b>		210-DP11					
<b>Bulk Equipment:</b>		228 660-20					
<b>Disp. Fluid Type:</b> FRESH		<b>Amt. (Bbls.)</b> 45.5		<b>Weight (PPG):</b>		8.3	
<b>Mud Type:</b>				<b>Weight (PPG):</b>			
<b>COMPANY REPRESENTATIVE:</b> TRENT SCAGGS				<b>CEMENTER:</b> CHAD HINZ			
TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	Casing	Tubing	ANNULUS	TOTAL	RATE		
1330						ON LOC	
1430						TRUCKS ON LOC	
2014	120				4	CIRC DOWN CASING	
2037				43		SHUT DOWN	
2112	115				4.4	START MS SPACER	
2119	120			20	4	START MIXING	
2146				61.3		SHUT DOWN, WASHUP	
2152	26				2	START DISPLACEMENT	
2215	220-745			45.5		PLUG DOWN	
2220						RELEASE PSI, FLOAT HELD	
						DID NOT CIRC CEMENT	
2245						JOB COMPLETE	
						THANK YOU FOR YOUR BUSINESS!!!	



# Job Safety Analysis Checklist -JSA

Form 181-4/185-2

10/1/24  
JSA

**Company:** BLUE STAR HELIUM  
**Location:** 0  
**Weather:** CLEAR  
**Type of Job:** LONG STRING  
**Line Boss:** NOEL LEON

**Date:** 3/13/24

**Well Name:** JACKSON 4L4 3154

**Temp.:** 70 **Wind Direction:** NA

**Person in Charge:** CHAD HINZ

**Emergency Driver:** RUBEN MARTINEZ

Emergency Info.	PPE/Body Hazards	Confined Space
<input checked="" type="checkbox"/> Eye Wash	<input checked="" type="checkbox"/> Hard hat	<input type="checkbox"/> Rescue Plan
<input checked="" type="checkbox"/> Shower Station	<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Hole Watch / Communication
<input checked="" type="checkbox"/> Fire Extinguishers Loc/Tag	<input checked="" type="checkbox"/> Proper Work Boots	<input type="checkbox"/> Atmosphere Testing
<input checked="" type="checkbox"/> Evacuation Route / Muster	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Ventilation
<input checked="" type="checkbox"/> Leak/Spill Reporting	<input checked="" type="checkbox"/> Hand Protection	<input type="checkbox"/> Respirator
<input checked="" type="checkbox"/> Fire Reporting	<input checked="" type="checkbox"/> Flame Resistant Clothing FR	<b>Tools / H2O</b>
	<input type="checkbox"/> Fall protection	<input checked="" type="checkbox"/> Right Tool for the Job
	<input type="checkbox"/> Lock Out / Tag Out	<input checked="" type="checkbox"/> Inspection
	<input type="checkbox"/> Respiratory- Silica, Chemical	<input checked="" type="checkbox"/> Drinking Water

**Hospital Information**

Hospital:

Phone #:

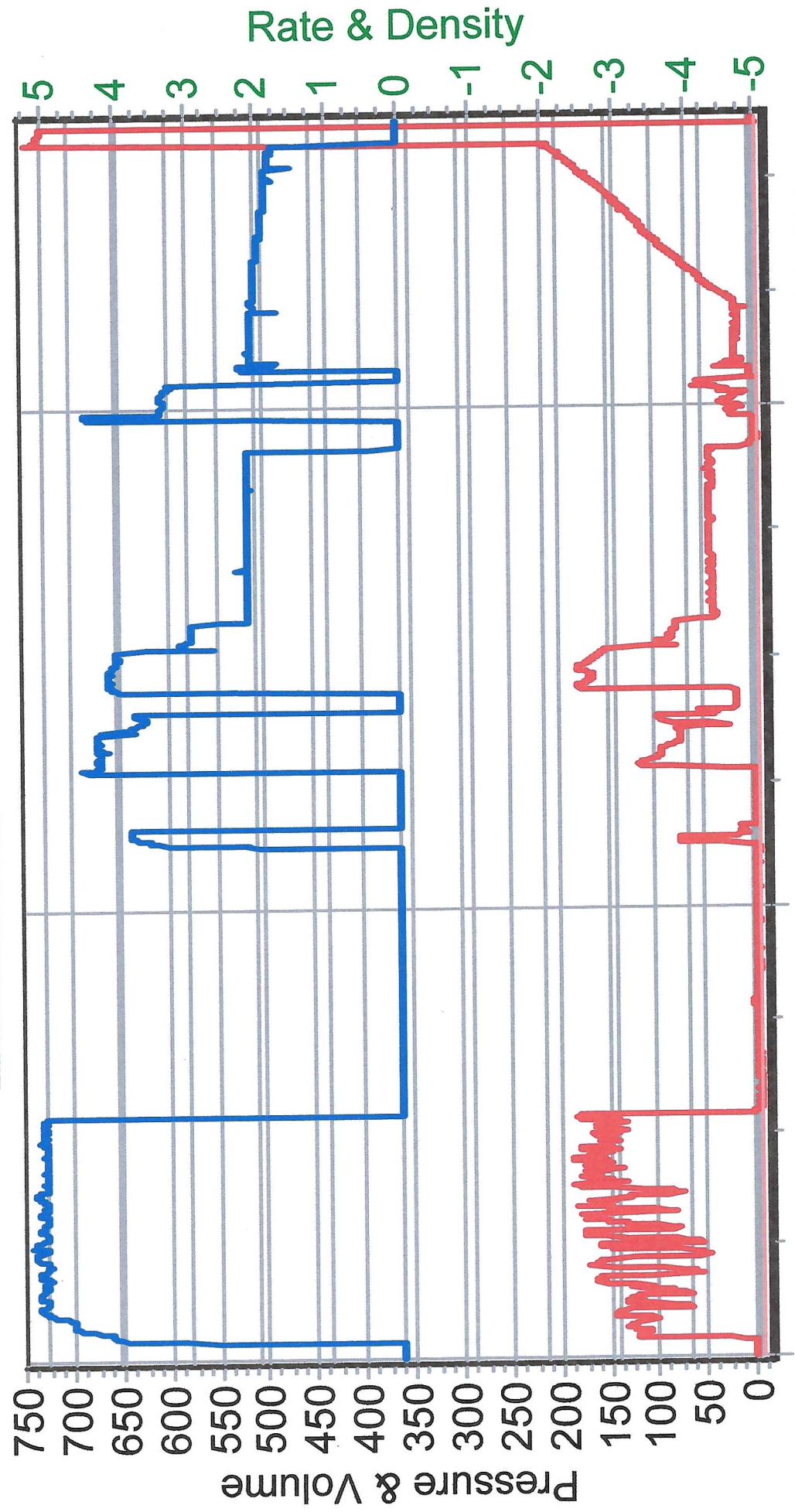
Address:

Scope of Work	Potential Hazards	Safety Controls
1 DRIVING	ANIMALS, OTHER DRIVERS <input checked="" type="checkbox"/>	OBEY LAWS, BE AWARE <input checked="" type="checkbox"/>
2 RIGGING UP/DOWN	PINCH POINTS, HEAVY LIFTING <input checked="" type="checkbox"/>	USE BUDDY SYSTEM <input checked="" type="checkbox"/>
3 PUMPING JOB	PSI <input checked="" type="checkbox"/>	KEEP AREA CLEAR <input checked="" type="checkbox"/>

Print Name	Signature	Company
1 CHAD HINZ		
2 NOEL LEON		
3 RUBEN MARTINEZ		
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# BLUE STAR HELIUM JACKSON 4L4 3154 7 LS

— Pressure 1 — Total Rate — Density



3/13/2025 9:12:03 PM 3/13/2025 9:57:39 PM 3/13/2025 10:48:36 PM



**Bill of Lading**

Driver: Ruben Martinez Date: 3-13-25

Truck/Trailer #: 228 66020

FOB (City/State): Liberal, KS

Destination (City/State) Kim Colorado

Ending Odometer: \_\_\_\_\_

QTY.	Description
Sacks	
185	Front - Class A
0	Back -

**EMERGENCY RESPONSE PROVIDER:**  
**IN CASE OF LEAK, SPILL, FIRE, OR OTHER EMERGENCY CALL**  
**VERISK 3E AT: 1-800-451-8346**  
**ID Number: 16843**