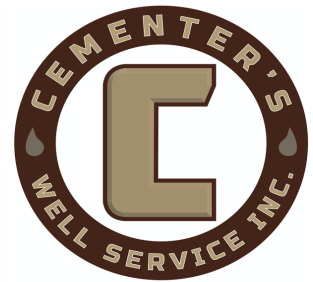


# Cementer's Well Service, Inc.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712



CLIENT

Verdad Resources

FIELD TICKET # 334020-D

API# 05-123-41858

Date	8/5/21	Well Owner	Verdad Resources	Well No.	01H
County	Weld	State	CO	Lease	Sonic Star 1101

Client	Verdad Resources				
Address	5950 Cedar Springs				IKON 12
City	Dallas	TX	Zip	75235	

Type of Job		Depth	1,913 ft.	Time On	15:30	8/5/21
Surface: 9 5/8" csg 36#; 13 1/2" hole		Bottom of Surface	1,898 ft.	Plug Down	18:07	8/5/21
		Plug Landed @	1,855 ft.	Other:		
		Pipe Landed @	1,898 ft.			

Description		Quantity	Meas.	Unit Price	Amount
Set Up Charge		1	each	\$ 2,200.00	\$ 2,200.00
Data Acquisition System		1	each	\$ 150.00	\$ 150.00
Cement Neat		870	SKS	\$ 14.90	\$ 12,962.26
Calcium Chloride		1.5	%		
Gel		3.0	%		
Mileage Heavy Vehicle		306	Miles	\$ 3.70	\$ 1,132.20
Mileage Pick-Up		102	Miles	\$ 2.00	\$ 204.00
Pressure Test		1	each	\$ 400.00	\$ 400.00
Standby Time		0	hr	\$ 375.00	\$ -
Mixing Rate	4.0	BPM			
Disp. Rate	5.0	BPM			
Slurry Vol.	1.61	cu ft^3 / SK			
Slurry Wt.	13.9	PPG			
Water/Cement	8.5	Gals / SK			
Total Water Used on Job	339.5	BBLs H <sup>2</sup> O		Water Temp	
Total Slurry Vol.	249.5	BBLS Cement			
Landed Plug @	1,556	PSI w/ Final Lift @	565	PSI	Subtotal \$ 17,048.46
Pre-Flush W/	20	BBLs fresh water		Tax (CO 2.9%)	\$ 494.41
Displace W/	143.39	BBLs H <sup>2</sup> O			
Circulate	33	BBLS Cement		Total	\$ 17,542.86

Truck No.	Code	State Mileage	Nebraska	CO	Wyoming	Other	Total Mileage
1202		Pump Truck		102			
1216, 1234, 1233		Bulk Truck		306			

We do not assume any responsibility for any damage or conditions resulting from our services. All pricing is subject to review and revision.

Delivered By: Tony/Elvis/AJ/Ryan/Clint

Received By \_\_\_\_\_  
Customer or His Agent

Additional Job Detail:

# Cement Verification Report - Cementer's Well Service, Inc.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712



COGCC Operator Guidance RULE #308.A.B(2)A.ii

CLIENT: Great Western Operating	Cementor's FIELD TICKET #	334020-D
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## Requested Operator Guidance:

Well Name & Number	Lease	Sonic Star 1101	Well No.	01H
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Well API Number	05-123-41858
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Job Date	8/5/21	Time on	15:30	24 hr time
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Job Type	New Well Surface
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Cementing Company	Cementor's Well Service, Inc	Contact	Nate Kvamme - 303-324-4296
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Ambient conditions	clear / rain / snow / other	72	temp deg F
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Slurry Description	
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a) Purpose	Surface - 9 5/8" 40# CSG, 13 1/2" hole
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b) Cement Class	Type I / II
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c) Cement Yield	1.61 cuft / sk
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d) Cement Density	13.9 PPG
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e) Number of sks	870 sks (94# equiv)
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f) Mix Fluid Type	
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Water / Cement	8.5 Gal / sk
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g) Slurry mixed	249.5 BBLs slurry
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h) Additives used	1.50% CaCl2 3.00% Bentonite
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Total Water Used	339.5 BBLs H2O
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i) Displacement Fluid Vol	143.4 BBLs H2O
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j) Method of Placement	
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k) Set Depth	1,898 feet (ft)
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l) Stage tool depth	n/a
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m) Float Collar Depth	1,855 feet (ft)
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n) Designed Top of Cement	n/a to surface	feet (ft)
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o) Centralizer depths	0
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## Charts - (pressure, density, pump rate)

Landed Plug @	1556 psi	Final Lift Pressure @	565 psi
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Cement Density (as weighed during job) @	13.9 PPG
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## Job notes

a) Plug down	Y / N	Time	18:07	24 hr time
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b) Floats held	Y / N	8/5/21
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c) Full Returns	Y / N	Lost Circulation	Y / N
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d) Cement to surface	Y / N	33.0 BBLs to surface
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e) If no returns, top off	n/a BBLs
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f) Top off detail	-
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# Surface Cement Job Report - Cementer's Well Service, Inc.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712

DATE: 8/5/21



## Verdad Resources

Lease: Sonic Star 1101

Well: 01H

API# 05-123-41858

Date & Time On	8/5/21
	15:30

Item	Event	Date	Time (24 hr)	Density (PPG)	Pump Rate (BPM)	Incremental (Line Item) Volume (BBLs)	Cumulative Volume (BBLs)	Pressure (PSI)	Comment
Pre-job	1 Call Out	8/5/21	11:30						Verdad Resources call out w/ 4 hr notice
	2 Leave Yard	8/5/21	14:30						Cementor's leaves yard to travel to location
On Location: Pre-job	3 Arrive On Location	8/5/21	15:30						Arrive on location
	4 Spot Trucks	8/5/21	15:35						Spot trucks on location
	5 Rig Up	8/5/21	15:37						Rig up water & Cementor's Bulk Truck, prep pump and mixing operation
	6 Safety Meeting	8/5/21	15:42						Pre-job safety meeting with IKON12 rig crew, Verdad company man & Cementor's crew
	7 Rig Up	8/5/21	15:47						Rig up cement head w/plug
	8 Fill Lines	8/5/21	15:49	8.34	2.00				Fill lines with up to 5 bbls of fresh water
	9 Pressure Test	8/5/21	0:00	8.34	-			-	Pressure test pumps and lines
Initial Job Start	10 Pump Spacer	8/5/21	16:08	8.34	4.00	20	20	-	Pump dye fresh water @ 20 BBLs
Cementing	11 Pump Cement	8/5/21	16:13	13.90	4.00	249.45	269.45	45	Pump Cement @ 870 SKS
									Type I/II cement with 1.5% CaCl2 & 3.0% Bentonite @ 1.61 cuft/sk & 13.9 PPG 249.45 BBLs slurry
Displacement	12 Drop Plug	8/5/21	17:26			n/a			Shut down cementing operation & release top plug
	13 Initial Displacement	8/5/21	17:28	8.34	2.00	4.00	273.45	-	Send plug with 4.0 BBLs H2O @ 2.0 BPM
	14 Plug Drop Verification	8/5/21	17:32			n/a			Visual verification plug released from head
	15 Displacement	8/5/21	17:34	8.34	5.00	96.39	365.84	80-450	Continued Displacement with total fresh water @ 143.4 BBLs H2O
	16 Spacer To Surface	8/5/21	17:57	8.34	5.00	100.39	369.84	385	Identified Spacer, looking for Cement / green water
	17 Cement To Surface	8/5/21	18:00	8.34	5.00	110.39	379.84	390	Identify Cement to surface w/ 33 BBLs back
	18 Drop Rate	8/5/21	18:05	8.34	2.50	133.39	402.84	400	Drop rate to 2.5 BPM for last 10 BBLs of Displacement to land plug
Casing Test	19 Land Plug	8/5/21	18:07	8.34	2.50	143.39	412.84	1,556	Land Plug @ 1,556 PSI
									with final lift pressure @ 565 PSI
								1,556	Start 30 min casing test w/ pressure @ 1,556 PSI
								1,540	10 min into casing test, pressure @ 1,540 PSI
								1,529	20 min into casing test, pressure @ 1,529 PSI
Post Job & Testing	24 Check Floats	8/5/21	18:38	n/a	0	0	0	1,514	30 min into casing test, pressure @ 1,514 PSI
									BBLs back (.25-1BBL expected)
									Bleed off pressure, job complete
									Pre-rig down safety meeting, wash up equipment
									Rig down Cementor's Equipment, leave location

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Verdad Resources

## Surface Cement Job Graph

### COMPANY DETAILS

Date	8/5/21	API #	05-123-41858	Well No.	01H
County	Weld	State	CO	Lease	Sonic Star 1101

Client Verdad Resources

Contact / email

### JOB DETAILS

TIME ON	15:30	24 hr	Depth	1,913	ft.	Pressure Test @	1,556	psi
START TIME	16:20	8/5/21	Bottom of Surface	1,898	ft.	10 min	1,540	psi
END TIME	18:50	8/5/21	Plug Landed @	1,855	ft.	20 min	1,529	psi
			Plug Landed @	18:07	24 hr	30 min	1,514	psi

### SUMMARY GRAPH

