

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 ² 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 ² 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.



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

CLIENT: Great Western Operating	Cementer'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	Cementer'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)	
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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	
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a) Plug down	<input checked="" type="radio"/> Y / <input type="radio"/> N	Time	18:07	24 hr time
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b) Floats held	<input checked="" type="radio"/> Y / <input type="radio"/> N		8/5/21
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c) Full Returns	<input checked="" type="radio"/> Y / <input type="radio"/> N	Lost Circulation	<input checked="" type="radio"/> Y / <input type="radio"/> N
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d) Cement to surface	<input checked="" type="radio"/> Y / <input type="radio"/> 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.

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DATE: 8/5/21



Verdad Resources

Lease: Sonic Star 1101

Well: 01H

API# 05-123-41858

Date & Time On	8/5/21 15:30
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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						Cementer'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 & Cementer'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 & Cementer'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
Initial Job Start	9 Pressure Test	8/5/21	0:00	8.34	-			-	Pressure test pumps and lines
	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
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
Casing Test	20 Casing Test	8/5/21	18:07	n/a	0	0	0	1,556	Start 30 min casing test w/ pressure @ 1,556 PSI
			18:17	n/a	0	0	0	1,540	10 min into casing test, pressure @ 1,540 PSI
			18:27	n/a	0	0	0	1,529	20 min into casing test, pressure @ 1,529 PSI
			18:37	n/a	0	0	0	1,514	30 min into casing test, pressure @ 1,514 PSI
Post Job & Testing	24 Check Floats	8/5/21	18:38	n/a	0	0	0	1.00	BBLs back (.25-1BBL expected)
	25 End Job	8/5/21	18:40						Bleed off pressure, job complete
	26 Safety Meeting	8/5/21	18:42						Pre-rig down safety meeting, wash up equipment
	27 Rig Down	8/5/21	18:45						Rig down Cementer'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

