

CEMENT JOB REPORT



CUSTOMER NGL WATER SOLUTIONS DJ L			DATE 22-SEP-14		F.R. # 10011101354			SERV. SUPV. ROBERT HORAN					
LEASE & WELL NAME SWD GROVER #C-9 - API 05123401940000			LOCATION 13-10N-61W			COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG #			TYPE OF JOB Surface							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD	
9-5/8" Top Cem Plug, Nitri cvr, Phen		Float Shoe 8-5/8 - 8rd			NONE				NONE				
		Cement Basket, Slip On, 9-5/8 in											
		Centralizer, with Pins, 8-5/8 in											
MATERIALS FURNISHED BY BJ				LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES							
						SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
Fresh Water + Dye				N/A		0	8.34	0	0	00:00	10		
Type III + Adds						270	14.5	1.41	6.82	03:01	61.35	39.78	
Fresh Water				N/A		0	8.34	0	0	00:00	62.62		
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL					133.98	39.78	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.25	23	895	8.921	9.625	36	CSG	883	883	P-110				
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
						NO PACKER				9.625	8RND	WATER BASED	8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
69	BBLS	Fresh Water		8.34	0	0	0	0	0	2816	3000	RIG TANK	
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM					
Mud Density In: 8.34 LBS/G				Mud Density Out: 8.34 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				Solids Present at End of Circulation:				NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					
Displacement And Mud Removal													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 2 BBLS									
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL									
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES									
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 8				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:					
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT					
Squeezes (Update Original Treatment Report for Primary Job)													
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/>	UNPLANNED <input type="checkbox"/>
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0		Fluid Weight: 0 LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)													
Casing Test Pressure: 842 PSI				With 8.34 LBS/GAL Mud				Time Held: 00 Hours 05 Minutes					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													
PRESSURE/RATE DETAIL						EXPLANATION							

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

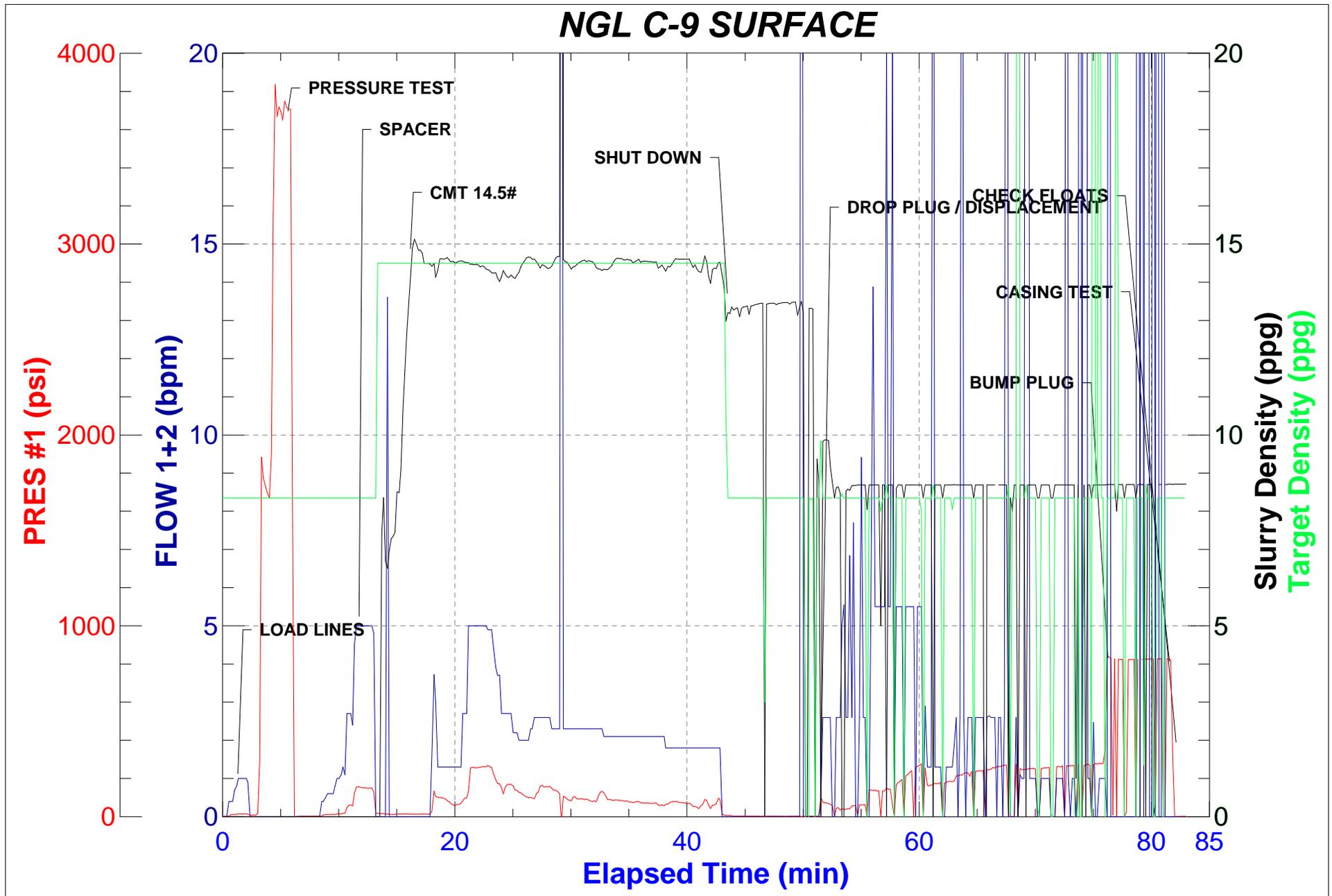
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3658 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
05:00	0	0	0	0	N/A	YARD CALL	
15:30	0	0	0	0	N/A	SAFETY MEETING	
15:50	0	0	0	0	N/A	LEAVE YARD	
18:00	0	0	0	0	N/A	ARRIVE LOCATION	
19:45	0	0	0	0	N/A	STAGE TRUCKS	
20:45	0	0	0	0	N/A	SAFETY MEETING	
21:00	13	0	.8	1	H2O	LOAD LINES	
21:05	3658	0	0	0	H2O	PRESSURE TEST	
21:10	152	0	5	10	H2O	SPACER DYE	
21:20	258	0	5	61	CMT	BATCH , WEIGH, PUMP 14.5#	
21:47	266	0	5	10	H2O	DROP PLUG / DISPLACEMENT	
22:05	214	0	2.4	45	H2O	RATE CHANGE	
22:11	216	0	1	60	H2O	RATE CHANGE	
22:18	842	0	1	69	H2O	BUMP PLUG	
22:25	0	0	0	0	N/A	CHECK FLOATS	
22:30	0	0	0	0	N/A	SAFETY MEETING	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	842	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	22	140	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

NGL C-9 SURFACE





FIELD RECEIPT NO. 10011101354

CUSTOMER NGL WATER SOLUTIONS DJ LLC					CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 0040152619 - 0040152619	INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER 8207 W 20TH ST			CITY Greeley	STATE Colorado	ZIP CODE 80634			
DATE WORK COMPLETED	MO. 09	DAY 22	YEAR 2014	BHI REPRESENTATIVE ROBERT HORAN	WELL API NO: 05123401940000	WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 883	WELL CLASS : Injection				
WELL NAME AND NUMBER SWD GROVER #C-9					TD WELL DEPTH (ft) 895	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 13-10N-61W	COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Surface					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride				lbs	382	1.290	492.78	55%	Redacted
100295	Cello Flake				lbs	41	5.100	209.10	55%	
488019	FP-6L				gals	3	104.250	312.75		
499632	Granulated Sugar				lbs	50	3.840	192.00	55%	
499680	Static Free				lbs	22	40.700	895.40	55%	
499703	Type III Cement				sacks	270	31.700	8,559.00	55%	
	SUB-TOTAL FOR Product Material							10,661.03	53.39%	
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	
M100	Bulk Materials Blending Charge				cu ft	281	5.450	1,531.45	55%	
	SUB-TOTAL FOR Service Charges							1,741.45	48.37%	
ARRIVE LOCATION :	MO. 09	DAY 22	YEAR 2014	TIME 18:00	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. RUBEN MARKARIAN									CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT					



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
F053A	Cement Pumping, 0 - 1000 ft				4hrs	1	3,200.000	3,200.00	55%	Redacted
F090	Fuel per pump charge - cement				pump/hr	2	70.250	140.50	0%	
J050	Cement Head				job	1	830.000	830.00	55%	
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	55%	
J390	Mileage, Heavy Vehicle				miles	180	11.850	2,133.00	55%	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	180	6.700	1,206.00	55%	
	SUB-TOTAL FOR Equipment							9,639.50	54.20%	
J401	Bulk Delivery, Dry Products				ton-mi	1165	3.940	4,590.10	55%	
	SUB-TOTAL FOR Freight/Delivery Charges							4,590.10	55.00%	
	FIELD ESTIMATE							26,632.08	53.63%	
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CUSTOMER REP. RUBEN MARKARIAN									CUSTOMER AUTHORIZED AGENT X	
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