

CEMENTER'S WELL SERVICE, INC.

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

OUR INVOICE

201083

GREAT WESTERN

Date 12-6-12	Well Owner OIL & GAS	Well No. 25-21	Lease O-I
County WELD	State COLORADO	Field	
Charge to CADE DRILLING LLC	Charge Code		For Office Use Only
Address 3450 W. C.R. 27 #2 (CADE #25)			
City, State FT. LUTON COLORADO 80621			
Pump Truck No. 1202	Code	Bulk Truck No. 1217	Code
Type of Job	Depth	Ft. 738	To
Surface 8 5/8" CSG-24 #	Bottom of Surface	Ft. 728	To
Plug	Plug Landed @ 686	Ft.	Time On 0845
Production	Pipe Landed @ 728	Ft.	Time Off PLUG DOWN 1130

Reference No.	Description	Qty.	Meas.	Unit Price	Amount
	Pump Truck Charge				
	Cement Neat ✓	520	SKS		
	Poz. Mix				
	Calcium Chloride	3%			
	Gel % Flo-Cele 1/4 #Per Sack				
	Handling Charge				
	Hauling Charge				
	Additional Cement				
	8 5/8" CENTRALIZERS	3			
	" CEMENT BASKET	1			
	" GUIDE SHOE	1			
	" BAFFLE PLATE	1			
	BOX THREADLOCK	1			
	MIX RATE 4 BPM	SLURRY VOL 1.18'	FT ³ /SK	WATER TEMP 60 °F	
	DISP RATE 5 BPM	SLURRY WT 15.2	PPG		
	PLUG LANDED @ 800 PSI	TOTAL SLURRY VOL 109.2	BBL CEMENT		
Remarks:	PREFLUSH W/20 BBL H ₂ O	Tax Reference Code	Sub Total		
	DISPLACE W/43.6 BBL H ₂ O	State CO 2.9 %	Tax		
	CIRCULATE 6 BBL CEMENT	Disc.	Total		

Truck No.	Code	State Mileage	Nebraska	Colorado	Wyoming	Other	Total Mileage
1202		Pump Truck		28			
1217		Bulk Truck		28			

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 **JOE, JOSH Z, ERNIE, JOSH A.**

Received By

Customer or His Agent



Every Project Is Personal

Pioneer Wireline Services, LLC

Service Order No.
2- 013228

Phone: 303.659.6581

Fax: 303.659.1789

Date: 11/1/12

Client Info	Company Sunbelt Production Services, Inc.					AFE #		
	Billing Address 3100 1/2 Mile Rd. N. Suite 100 Lawrenceville, GA 30046				City Lawrenceville	ST GA	Zip 30046	
Well Info	Lease & Well # 01-25-01				Field Name Lawrenceville			
	Legal Description 3100 1/2 Mile Rd. N. Suite 100 + 1/4 Section 25 SE 25-01-01							
	Nearest Town Lawrenceville	County / Parish Cobb	ST GA	Rig C-25	Permit #	Price Zone	API # 01-25-01-01	
Crew	Engineer J. H. H.	Crew Members Crew				Unit # 50	Miles 110	

THE UNDERSIGNED HEREBY CERTIFIES THAT HE HAS FULL AUTHORITY TO ENTER INTO THIS CONTRACT ON BEHALF OF THE CUEENT AND AGREES TO THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE SIDE HEREOF.

Client Approval

Name Printed

Signature

Product Code	Run #	Description	Q-ty	Unit Price	Depth		\$ Amount
					From	To	
		Segmented Carbon Cementing			7.00	7.00	5800.00
		Segmented Gravel Pack					
		Carbon Charge 3000					1760.00

	Total Time	Oper. Time	Free Stand By	Charge Time
Equipment		5.45 hrs	1.10	0.00
Crew				

Client Approval

Name Printed

Signature

Pioneer Representative

Name Printed

Signature

SUBTOTAL
DISCOUNT
NET SUBTOTAL
TAX
NET TOTAL

PIONEER OFFICE USE ONLY - Approval

Name Printed

Signature

CEMENT JOB REPORT



Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

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 type="checkbox"/>
	PIPE	ANNULUS				
						TEST LINES 4213 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
21:55	0	0	0	0	N/A	Arrive on location, 38 miles
22:05	0	0	0	0	N/A	Spot trucks on location
23:00	0	0	0	0	N/A	Pre-job safety meeting - Wait for rig crew to setup for water transfer to rig tank before starting job.
00:22	0	0	0	1	WATER	Load lines
00:24	3098	0	0	0	WATER	Low pressure test
00:25	4213	0	0	0	WATER	High pressure test
00:27	496	0	7.1	20	CLAYCARE	Claycare water
00:31	570	0	7.1	20	MUD CLEA	Mud clean II
00:35	546	0	7.1	20	CLAYCARE	Claycare water
00:40	199	0	7.2	173	CEMENT	Batch-up, weigh, & pump 305 sx of PLC + 4% Bentonite + 0.6% SMS + 8 lbs/sk CSE-2 @ 11 ppg
01:08	199	0	4.7	79	CEMENT	Mix & pump 315 sx of (50:50) Poz:G cement + 0.3% CD-32 + 0.4% FL-52 + 0.1% SMS + 20% S-8 @ 14.6 ppg
01:29	0	0	0	0	N/A	Drop plug & wash-up pumps & lines
01:39	174	0	7.1	70	CLAYCARE	Displace
01:51	347	0	7.1	15	CLAYCARE	Caught cement
01:53	397	0	4.6	25	CLAYCARE	Rate change
01:58	1041	0	2.4	11.1	CLAYCARE	Rate change
02:03	1296	0	2.4	121.1	CLAYCARE	Bump plug to 2627 psi, 1.1 bbls bled back, floats held
02:08	0	0	0	0	N/A	Pre-rig down safety meeting
02:45	0	0	0	0	N/A	Leave location

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	1296	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	433.1	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

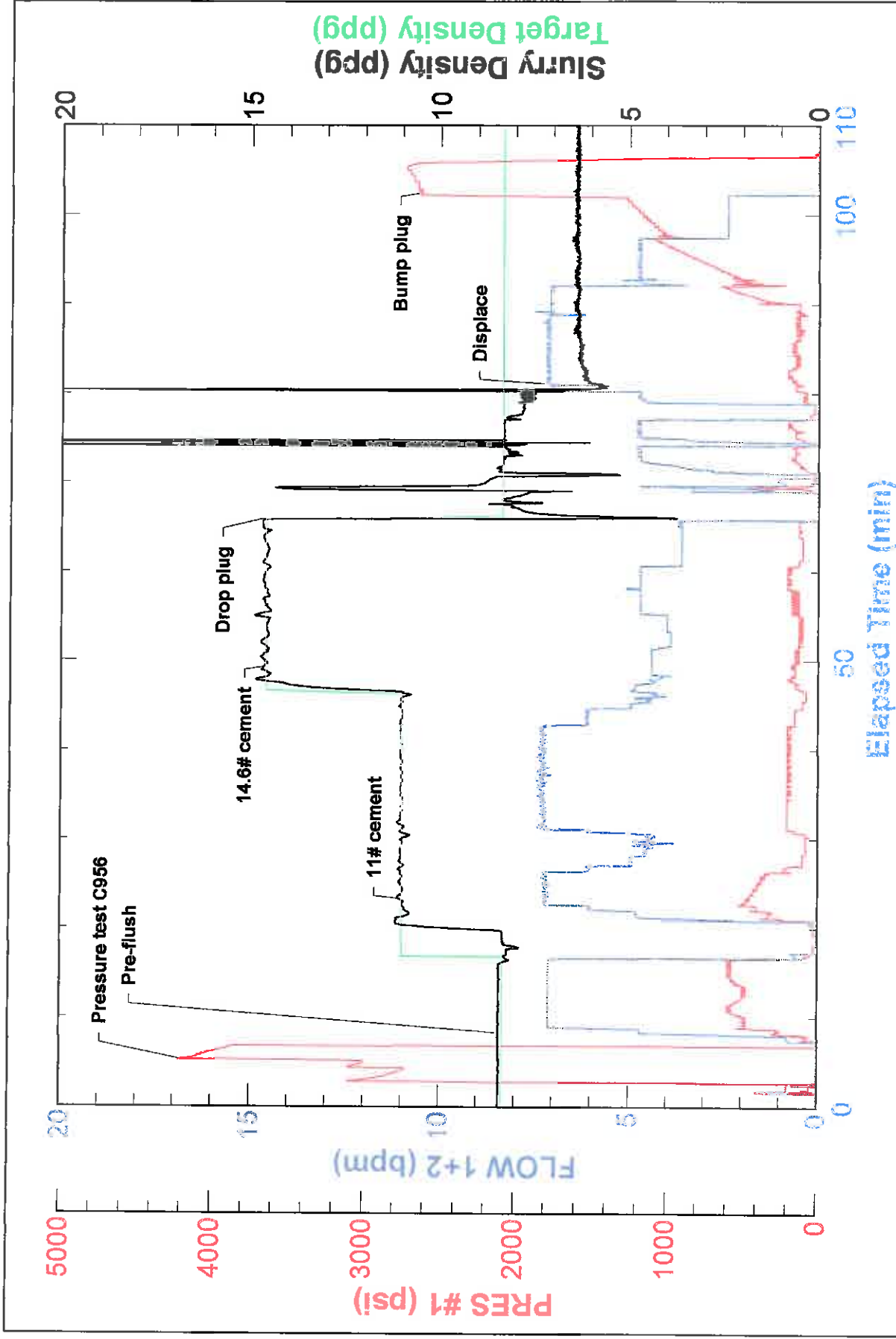


Baker Hughes JobMaster Program Version 3.60

Job Number: 1001952521

Customer: Great Western

Well Name: O-I #25-21





FIELD RECEIPT NO. 1001952521

CUSTOMER				GREAT WESTERN OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL				STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO				2005 HOWARD SMITH AVE EAST		Windsor		Colorado		80550			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO.		WELL TYPE :		WELL CLASS :		
12 10 2012		12	10	2012	RYAN SULLIVAN		05123351790000		New Well		Gas		
DISTRICT				JOB DEPTH (ft)		TD WELL DEPTH (ft)		GAS USED ON JOB :		JOB TYPE CODE :			
BJS, BRIGHTON				7,808		7,824		No Gas		Long String			
WELL NAME AND NUMBER				COUNTY/PARISH		STATE		JOB TYPE CODE :		WELL CLASS :			
O-1 #25-21				Weld		Colorado		Long String		Gas			
WELL LOCATION :		LEGAL DESCRIPTION		DESCRIPTION		UNIT OF MEASURE		QUANTITY		PRICE UNIT		GROSS AMOUNT	
		23-6N-67W											
PRODUCT CODE		DESCRIPTION		UNIT OF MEASURE		QUANTITY		PRICE UNIT		GROSS AMOUNT		% DISC.	
100021		Class G Cement		sacks		158		28.700		4,692.60		55%	
100112		Caldum Chloride		lbs		250		1.220		305.00		100%	
100120		Bentonite		lbs		1062		0.500		531.00		55%	
100121		Silica Flour		lbs		5292		0.530		2,804.76		55%	
100275		Sodium Metasilicate		lbs		187		3.900		729.30		55%	
100317		Poz (Fly Ash)		sacks		158		13.200		2,085.60		55%	
100404		Sodium Chloride		lbs		150		0.490		73.50		100%	
398108		Mud Clean II		gals		840		1.610		1,352.40		55%	
398224		Premium Lite Cement		sacks		305		24.050		7,335.25		55%	
488013		CD-32		lbs		80		12.650		1,012.00		55%	
488015		FL-52		lbs		106		25.600		2,713.60		55%	
488019		FP-6L		gals		6		99.250		595.50		55%	
488353		CSE-2		lbs		2440		1.610		3,928.40		55%	
499702		ClayCare, Clay Treat-2C, 260 gi tote		gals		9		140.000		1,260.00		55%	
		SUB-TOTAL FOR Product Material								29,418.91		55.58%	
										2,111.67		0.00	
										238.95		1,262.14	
										328.19		938.52	
										0.00		608.58	
										3,300.86		455.40	
										1,221.12		267.98	
										1,767.78		567.00	
										13,068.19			
ARRIVE LOCATION :				MO.	DAY	YEAR	TIME	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.					
12 09 2012				12	09	2012	21:50						
CUSTOMER REP.				Shawn Armstrong				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.					
								CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED					
								X					



FIELD RECEIPT NO. 1001952521

CUSTOMER GREAT WESTERN OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20013943 - 0029286		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 2005 HOWARD SMITH AVE EAST				CITY Windsor		STATE Colorado		ZIP CODE 80550			
DATE WORK COMPLETED MO. 12 DAY 10 YEAR 2012		BHI REPRESENTATIVE RYAN SULLIVAN		WELL API NO. 0512351790000		WELL TYPE New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 7,808		WELL CLASS Gas					
WELL NAME AND NUMBER O-1 #25-21				TD WELL DEPTH (ft) 7,824		GAS USED ON JOB No Gas					
WELL LOCATION 23-6N-67W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE Long String					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Blending Charge			cu ft	806	4.170	3,361.02	55%	1,512.46		
SUB-TOTAL FOR Service Charges											
F067A	Cement Pumping, 7001 - 8000 ft			chrs	1	7,925.000	7,925.00	55%	3,566.25		
F090	Fuel per pump charge - cement			pump/hr	4	61.000	244.00	0%	244.00		
J050	Cement Head			job	1	635.000	635.00	55%	285.75		
J225	Data Acquisition, Cement, Standard			job	1	1,635.000	1,635.00	55%	735.75		
J390	Mileage, Heavy Vehicle			miles	76	9.100	691.60	55%	311.22		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	76	5.150	391.40	55%	176.13		
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products			ton-mi	1192	3.030	3,611.76	55%	1,625.29		
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
48,075.19 54.89% 21,686.54											
ARRIVE LOCATION MO. 12 DAY 09 YEAR 2012 TIME 21:50				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. Shawn Armstrong				CUSTOMER AUTHORIZED AGENT X				CUSTOMER AUTHORIZED AGENT X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT X				BHI APPROVED X			

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 10-DEC-12	F.R. # 1001952521		SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME O-1 #25-21 - API 05123351790000		LOCATION 23-6N-67W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 25		TYPE OF JOB Long String		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 4-1/2 in	Centralizer, with Pins, 4-1/2 in						
	Cement Basket, Slip On, 4-1/2 in						
	Float Collar, Ball Valve, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Treated Water	N/A	0	8.34	0	0	00:00	20	
50:50G:Poz+.4CD32+.3CD32+.1SMS+20SF		315	14.6	1.38	5.90		77.4	44.24
Treated Water	N/A	0	8.34	0	0	00:00	121.1	
Mud Clean II	N/A	0	8.5	0	0	00:00	20	
Treated Water	N/A	0	8.34	0	0	00:00	20	
PLC+4%Gel+.6%SMS+8#skCSE2		305	11	3.22	19.86		174.9	144.38
Available Mix Water 300 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		433.4 188.62		

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
7.875	20	7824	4	4.5	11.6	CSG	7808	7808	N-80	7808	7794	0

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.
8.1	8.63	24	CSG	728	728	No packer		0	0	0	4.5	8RD	WATER BASED	9.2

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	
121.1	BBLS	Treated Water	8.34	1189	0	0	0	0	6224	3000	Rig

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 6 BPM

Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1.1 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: Visually

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROCATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 30 Type: ☐ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None