



CUSTOMER (COMPANY NAME)		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
WHITTING OIL & GAS CORP XML						20096998 - 004013727			
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE	
INVOICE TO		1700 BROADWAY, SUITE 2300		DENVER		Colorado		80290-2300	
DATE WORK COMPLETED		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :	
11 28 2013		VITALIJS A NEVERDASOV		05123378400000		New Well		Oil	
DISTRICT		JOB DEPTH (ft)		WELL DEPTH (ft)		GAS USED ON JOB :		JOB TYPE CODE :	
BUS, BRIGHTON		12,730		12,740		No Gas		Liner	
WELL NAME AND NUMBER		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE :	
RAZOR #21C-2806B		21-10N-58W		Weld		Colorado		Liner	
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement	sacks	254	29.700	7,543.80	65%	2,640.33		
100112	Calcium Chloride	lbs	300	1.220	366.00	75%	91.50		
100120	Bentonite	lbs	1281	0.500	640.50	65%	224.18		
100121	Silica Flour	lbs	8535	0.530	4,523.55	65%	1,583.24		
100283	R-3	lbs	107	3.490	373.43	65%	130.70		
100316	Barite, Bulk	lbs	4040	0.600	2,424.00	65%	848.40		
100317	Poz (Fly Ash)	sacks	254	13.200	3,352.80	65%	1,173.48		
100404	Sodium Chloride	lbs	100	0.490	49.00	75%	12.25		
398117	Ultra Flush II System	blbs	20	203.000	4,060.00	65%	1,421.00		
428086	BA-59	lbs	86	34.200	2,941.20	65%	1,029.42		
488015	FL-52	lbs	257	25.600	6,579.20	65%	2,302.72		
488019	FP-6L	gals	6	99.250	595.50	65%	208.43		
499632	Granulated Sugar	lbs	10	3.490	34.90	65%	12.22		
499767	FL-63	lbs	86	68.500	5,891.00	65%	2,061.85		
SUB-TOTAL FOR Product Material					39,374.88	65.11%	13,739.72		
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Blending Charge	cu ft	725	4.170	3,023.25	65%	1,058.14		
R798	Automatic Density System	job	1	1,530.000	1,530.00	65%	535.50		

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE FOLLOWING PAGES 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.

ARRIVE LOCATION: MO. DAY YEAR TIME
 11 27 2013 22:23

CUSTOMER REP. BRODY HANSEN
 SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS
 CUSTOMER AUTHORIZED AGENT

X BHI APPROVED

X CUSTOMER AUTHORIZED AGENT



FIELD RECEIPT NO. 955010009

CUSTOMER (COMPANY NAME)		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
WHITTING OIL & GAS CORP XML						20096998 - 004013727			
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE	
1700 BROADWAY, SUITE 2300		DENVER		Colorado		80290-2300			
DATE WORK COMPLETED	MO. DAY YEAR	BHI REPRESENTATIVE	WELL API NO:	WELL TYPE:	WELL CLASS:				
11 28 2013	VITALIUS A NEVERDASOVS	05123378400000	New Well	Oil					
DISTRICT	JOB DEPTH (ft)	TD WELL DEPTH (ft)	GAS USED ON JOB:						
BJS, BRIGHTON	12,730	12,740	No Gas						
WELL NAME AND NUMBER	LEGAL DESCRIPTION	COUNTY/PARISH	STATE	JOB TYPE CODE:					
RAZOR #21C-2806B	21-10N-58W	Weid	Colorado	Liner					
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F077A	Cement Pumping, 12001 - 13000 ft	8hrs	1	21,750.000	4,714.75	62.77%	1,755.14		
F090	Fuel per pump charge - cement	pump/hr	8	61.000	488.00	0%	488.00		
J050	Cement Head	job	1	635.000	635.00	65%	222.25		
J225	Data Acquisition, Cement, Standard	job	1	1,635.000	1,635.00	65%	572.25		
J390	Mileage, Heavy Vehicle	miles	224	9.100	2,038.40	65%	713.44		
J391	Mileage, Auto, Pick-Up or Treating Van	miles	224	5.150	1,153.60	65%	403.76		
K289	Misc Cement Pumping, Non-Pump Time	hrs	6	477.000	2,862.00	0%	2,862.00		
SUB-TOTAL FOR Equipment					30,562.00	57.88%	12,874.20		
J401	Bulk Delivery, Dry Products	ton-mi	3224	3.030	9,768.72	65%	3,419.05		
SUB-TOTAL FOR Freight/Delivery Charges					9,768.72	65.00%	3,419.05		
FIELD ESTIMATE					84,420.35	62.35%	31,788.11		
ARRIVE LOCATION: 11 27 2013 22:23		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE FOLLOWING PAGES 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 AUTHORIZED AGENT			
CUSTOMER REP. BRODY HANSEN		SEE NEXT PAGES FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT		X		BHI APPROVED	

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XA		DATE 28-NOV-13	F.R. # 955010009	SERV. SUPV. VITALIJS A NEVERDASOV										
LEASE & WELL NAME RAZOR #21C-2806B - API 05123378400000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 21		TYPE OF JOB Liner										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS										
Dart For Plug Catcher, 4-1/2 In		Float Shoe 4-1/2 - 8rd		Liner Packer										
		Float Collar, Al Flap, 4-1/2 - 8rd		MD 5210	TVD 5210									
				HANGER TYPES MD 5220 TVD 5220										
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				
50:50 + Adds		C11-081-13		508	14.5	1.44	6.20	06:08	130.20	74.98				
Fresh Water		N/A		0	8.34	0	0	00:00	172.83					
Ultraflush II		N/A		0	12	0	0	00:00	20					
Fresh Water		N/A		0	8.34	0	0	00:00	10					
Available Mix Water 800 Bbl.		Available Displ. Fluid 550 Bbl.		TOTAL		333.03		74.98						
HOLE		TBC-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6	15	12740	4	4.5	11.6	CSG	12730	12730	L-80	12730	12690	1		
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.
6.3	7	26	CSG	6241	6241	LINER PACKER/ BAKER HU		5210	0	0	4	XO	WATER BASED	9.1
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			
172.8	BBLS	Fresh Water		8.34		0	0	0	0	6224	3600	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 3 BPM						
Mud Density In: 9.1 LBS/GAL				Mud Density Out: 9.1 LBS/GAL				PV & YP Mud In: 12		PV & YP Mud Out: 12				
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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 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	5122 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:45	0	0	0	0	N/A	YARD CALL	
19:56	0	0	0	0	N/A	LEAVE DISTRICT	
22:23	0	0	0	0	N/A	ARRIVE ON LOCATION, 112 MILES/ RIG PULLING DRILL PIPE OUT	
08:05	0	0	0	0	N/A	SPOT TRUCKS	
08:17	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
09:30	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
10:22	5122	0	.4	.3	H2O	PRESSURE TEST	
10:28	838	0	3.4	121	H2O	PUMP BALL DOWN	
11:08	1081	0	0	121	H2O	SEAT BALL	
11:14	2141	0	.7	.5	H2O	PRESSURE UP ON THE BALLS	
11:20	654	0	0	0	N/A	BLEED PRESSURE BACK	
11:32	3120	0	.8	3	H2O	BLOW BALL SEAT	
11:43	1099	0	3.6	10	H2O	FRESH WATER SPACER	
11:48	560	0	2.4	20	H2O	PUMP ULTRA FLUSH SPACER @ 12 PPG	
12:01	856	0	4.5	128	CMT	PUMP 508 SACKS OF 50:50 POZ CLASS G CEMENT + ADDS @ 14.5 PPG	
12:34	0	0	0	0	N/A	SHUT DOWN/ WASH PUMP/ DROP PLUG	
12:47	1205	0	4.8	130	H2O	DISPLACEMENT	
13:25	701	0	2	18.6	H2O	SLOW RATE	
13:33	1223	0	0	148.6	H2O	BUMP PLUG	
13:37	2780	0	1.2	2	H2O	RAPTURE HOSE OF PLUG	
13:40	0	0	0	2	H2O	SHUT DOWN	
13:57	0	1512	1	.5	H2O	BACK SIDE TEST	
12:03	0	0	0	0	N/A	BLEED OFF	
14:08	788	0	4.8		H2O	ROLL HOLE CLEAN	
14:33	0	0	0	0	N/A	SHUT DOWN	
14:42	0	0	0	0	N/A	RIG DOWN 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		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	550	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Baker Hughes JobMaster Program Version 3.60
Job Number: 955010009
Customer: WHITING
Well Name: RAZOR 21-C-2806B

