



FIELD RECEIPT NO. 10011034073

CUSTOMER		WHITING PETROLEUM CORP		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL INVOICE TO		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
		1700 BROADWAY STE 2300		DENVER		Colorado		80290			
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE:		
12 18 2013		12	18	2013	ERIC S DEWIT		05123378980000		New Well		
DISTRICT						JOB DEPTH(ft)		WELL CLASS:			
BJS, BRIGHTON						6,287		Oil			
WELL NAME AND NUMBER						TD WELL DEPTH (ft)		GAS USED ON JOB:			
RAZOR #271-3415A						6,305		No Gas			
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
		27-10N-58W		Weld		Colorado		Intermediate			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	272	31.800	8,649.60	65%	3,027.36	
100112	Calcium Chloride				lbs	300	1.290	387.00	75%	96.75	
100266	Silica Sand, 100 mesh, Sacked				lbs	1914	0.630	1,205.82	65%	422.04	
100275	Sodium Metasilicate				lbs	182	4.100	746.20	65%	261.17	
100283	R-3				lbs	27	3.840	103.68	65%	36.29	
100295	Cello Flake				lbs	5	5.100	25.50	65%	8.93	
100316	Barite, Bulk				lbs	2500	0.630	1,575.00	65%	551.25	
100317	Poz (Fly Ash)				sacks	147	14.200	2,087.40	65%	730.59	
100380	LW-6				lbs	17619	4.380	77,171.22	65%	27,009.93	
100404	Sodium Chloride				lbs	100	0.520	52.00	75%	13.00	
398117	Ultra Flush II System				bbls	20	213.500	4,270.00	65%	1,494.50	
488019	FP-6L				gals	10	104.250	1,042.50	65%	364.88	
488167	FL-25				lbs	436	22.600	9,853.60	65%	3,448.76	
488353	CSE-2				lbs	1815	1.700	3,085.50	65%	1,079.93	
499632	Granulated Sugar				lbs	50	3.840	192.00	65%	67.20	
499680	Static Free				lbs	26	40.700	1,058.20	65%	370.37	
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12 18 2013	12	18	2013	20:43							
CUSTOMER REP.					BEN BENJAMIN						
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					CUSTOMER AUTHORIZED AGENT						
					X						
					BHI APPROVED						
					X						
					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.						
					X						
					CUSTOMER AUTHORIZED AGENT						

Report Printed on: December 19, 2013 6:16 AM



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DISTRICT				12		18		2013		ERIC S DEWIT				05123378980000				New Well					
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WELL NAME AND NUMBER														6,287				Oil					
RAZOR #271-3415A														TD WELL DEPTH (ft)				GAS USED ON JOB :					
WELL LOCATION :										COUNTY/PARISH				STATE				JOB TYPE CODE :					
27-10N-58W										Weld				Colorado				Intermediate					
PRODUCT CODE		DESCRIPTION						UNIT OF MEASURE		QUANTITY		LIST PRICE UNIT		GROSS AMOUNT		% DISC.		NET AMOUNT					
		SUB-TOTAL FOR Product Material																					
A152		Personnel Per Diem Chrg - Cement Svc						ea		1		210.000		210.00		0%		210.00					
M100		Bulk Materials Blending Charge						cu ft		1241		5.450		6,763.45		65%		2,367.21					
R798		Automatic Density System						job		1		1,990.000		1,990.00		65%		696.50					
		SUB-TOTAL FOR Service Charges												8,963.45		63.48%		3,273.71					
F065A		Cement Pumping, 6001 - 7000 ft						6hrs		1		8,300.000		8,300.00		65%		2,905.00					
F088		Cement Pumping, Additional hrs						hrs		3		900.000		2,700.00		65%		945.00					
J050		Cement Head						job		1		830.000		830.00		65%		290.50					
J225		Data Acquisition, Cement, Standard						job		1		2,130.000		2,130.00		65%		745.50					
J390		Mileage, Heavy Vehicle						miles		204		11.850		2,417.40		65%		846.09					
J391		Mileage, Auto, Pick-Up or Treating Van						miles		204		6.700		1,366.80		65%		478.38					
		SUB-TOTAL FOR Equipment												17,744.20		65%		6,210.47					
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DATE WORK COMPLETED		MO. 12		DAY 18		YEAR 2013		BHI REPRESENTATIVE				ERIC S DEWIT				WELL API NO:				05123378980000				WELL TYPE :				New Well							
DISTRICT				BJS, BRIGHTON				JOB DEPTH (ft)				6,287				WELL CLASS :				Oil				GAS USED ON JOB :				No Gas							
WELL NAME AND NUMBER				RAZOR #271-3415A				TD WELL DEPTH (ft)				6,305				JOB TYPE CODE :				Intermediate															
WELL LOCATION :				LEGAL DESCRIPTION				27-10N-58W				COUNTY/PARISH				Weld				STATE				Colorado											
PRODUCT CODE		J401		DESCRIPTION		Bulk Delivery, Dry Products		UNIT OF MEASURE		ton-mi		QUANTITY		3124		LIST PRICE UNIT		3.940		GROSS AMOUNT		12,308.56		% DISC.		65%		NET AMOUNT		4,308.00					
						SUB-TOTAL FOR Freight/Delivery Charges														12,308.56				65.00%		4,308.00									
						FIELD ESTIMATE														150,521.43				64.94%		52,775.13									
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CUSTOMER REP.		Ben Benjamin																																	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS																																			

CEMENT JOB REPORT



Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT
Number of Times Tests Conducted: 0
Target EMW: 0 LBS/GAL
Actual EMW: 0 LBS/GAL
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	EXPLANATION
	PIPE	ANNULUS				
						SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
						TEST LINES 4107 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
18:17	0	0	0	0	N/A	Leave yard
20:44	0	0	0	0	N/A	Arrive on location, 102 miles, Rig still running casing
20:46	0	0	0	0	N/A	Spot trucks on location
20:57	0	0	0	0	N/A	Pre rig up safety meeting
00:58	0	0	0	0	N/A	Rig down running casing, finish rig up
02:10	0	0	0	0	N/A	Pre job safety meeting
02:39	120	0	1.9	3	H2O	Load pumps and lines
02:43	4107	0	0	0	H2O	Pressure test pumps and lines
02:49	174	0	2.4	20	BAR	Pump ultra flush II spacer
03:05	31	0	3.6	145	CMT	Batch, weigh, and pump lead cement
03:50	17	0	2.4	73	CMT	Batch, weigh, and pump tail cement
04:22	0	0	0	0	N/A	Release plug
04:33	1204	0	4.7	220	MUD	Displacement
05:25	1007	0	3.5	8	MUD	Drop rate
05:27	1658	0	0	0	MUD	Bump plug
05:33	1552	0	0	0	MUD	Start casing test
05:48	0	0	0	0	N/A	End casing test
05:52	0	0	0	0	N/A	Pre rig down safety meeting
07:00	0	0	0	0	N/A	Leave location

BUMPED
PLUG
☐ Y ☐ N

PSI TO
BUMP
PLUG
1007

TEST
FLOAT
EQUIP.
☐ Y ☐ N

BBL.CMT
RETURNS/
REVERSED
53

TOTAL
BBL.
PUMPED
469

PSI
LEFT ON
CSG
0

SPOT
TOP OUT
CEMENT
☐ Y ☐ N

Service Supervisor Signature:

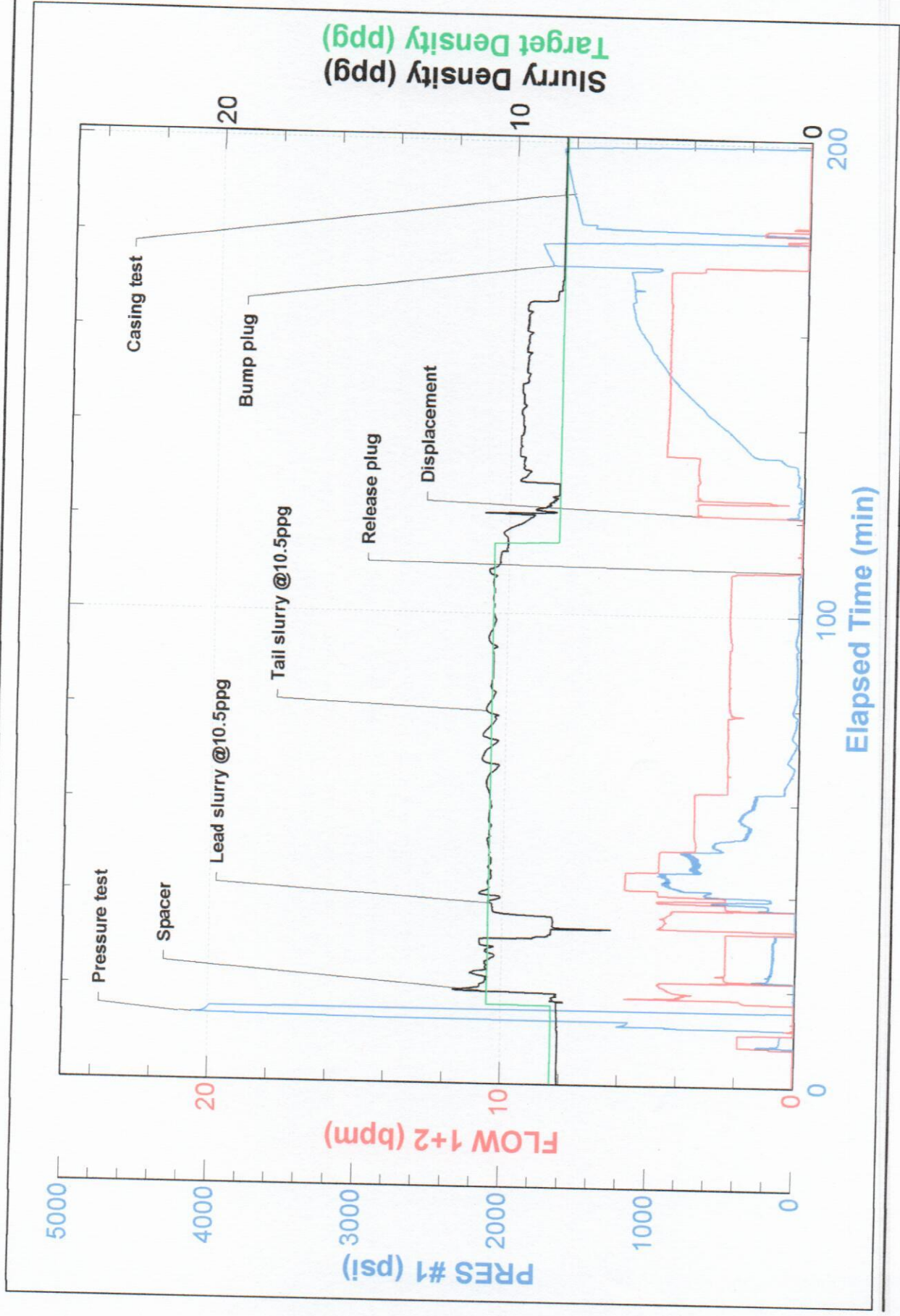
CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 18-DEC-13	F.R. # 10011034073	SERV. SUPV. ERIC S DEWIT															
LEASE & WELL NAME RAZOR #271-3415A - API 05123378980000		LOCATION 27-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado															
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Intermediate															
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS															
Cement Plug, Rubber, Top 7 in		Centralizer, with Pins, 7 in																	
		Float Collar, Auto Fill, 7 - 8rd																	
		Float Shoe 7 - 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									
				0	10.5	0	0	00:00	20										
				307	10.5	2.64	8.86		144.32	64.80									
				0	9.5	0	0		231.9										
(35:65) + LW-6 + Adds				110	10.5	3.12	10.49		61.12	27.47									
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		457.34		92.27											
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS													
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE							
8.75	20	6305	6.184	7	29	CSG	6287	5626	P-110	6287	6243	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.					
8.9	9.63	36	CSG	1550	1550	No packer		0	0	0	7	8RND	WATER BASED	9.5					
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							
231.9	BBLS	Drilling mud		9.5	324	0		0	0	0	8976	4000	Frac 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: 9.5 LBS/GAL					Mud Density Out: 9.5 LBS/GAL					PV & YP Mud In: 15					PV & YP Mud Out: 15				
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE																			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					Quantity: 23					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: 1552 PSI					With 9.5 LBS/GAL Mud					Time Held: 00 Hours 15 Minutes									
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None																			



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011034073
Customer: Whiting
Well Name: Razor 271-3415A



Baker Hughes

Job Start: Thursday, December 19, 2013