



FIELD RECEIPT NO. 10011026783

CUSTOMER WHITING PETROLEUM CORP					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20096998 - 00218070		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER 1700 BROADWAY STE 2300					CITY DENVER		STATE Colorado		ZIP CODE 80290			
DATE WORK COMPLETED MO. 11 DAY 13 YEAR 2013					BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123378990000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 1,640		WELL CLASS : Oil					
WELL NAME AND NUMBER RAZOR #271-3413A					TD WELL DEPTH(ft) 1,631		GAS USED ON JOB : No Gas					
WELL LOCATION : 27-10N-58W					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	647	1.290	834.63	65%	292.12	
100295		Cello Flake				lbs	172	5.100	877.20	65%	307.02	
488019		FP-6L				gals	6	104.250	625.50	65%	218.93	
499632		Granulated Sugar				lbs	100	3.840	384.00	65%	134.40	
499680		Static Free				lbs	56	40.700	2,279.20	65%	797.72	
499703		Type III Cement				sacks	688	31.700	21,809.60	65%	7,633.36	
		SUB-TOTAL FOR Product Material							26,810.13	65.00%	9,383.55	
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100		Bulk Materials Blending Charge				cu ft	715	5.450	3,896.75	65%	1,363.86	
R798		Automatic Density System				job	1	1,990.000	1,990.00	65%	696.50	
		SUB-TOTAL FOR Service Charges							6,096.75	62.76%	2,270.36	
ARRIVE LOCATION :		MO. 11	DAY 13	YEAR 2013	TIME 08:51	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. KYLE RENTON										CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED X		
						CUSTOMER AUTHORIZED AGENT						



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PRODUCT CODE	DESCRIPTION					UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
F055A	Cement Pumping, 1001 - 2000 ft					4hrs	1	4,875.000	4,875.00	65%	1,706.25	
F088	Cement Pumping, Additional hrs					hrs	5	900.000	4,500.00	0%	4,500.00	
F090	Fuel per pump charge - cement					pump/hr	4	70.250	281.00	65%	98.35	
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	216	11.850	2,559.60	65%	895.86	
J391	Mileage, Auto, Pick-Up or Treating Van					miles	216	6.700	1,447.20	65%	506.52	
	SUB-TOTAL FOR Equipment								16,622.80	47.40%	8,742.98	
J401	Bulk Delivery, Dry Products					ton-mi	3545	3.940	13,967.30	65%	4,888.56	
	SUB-TOTAL FOR Freight/Delivery Charges								13,967.30	65.00%	4,888.56	
	FIELD ESTIMATE								63,496.98	60.18%	25,285.45	
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CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP				DATE 13-NOV-13		F.R. # 10011026783		SERV. SUPV. REESE A ANDERSON					
LEASE & WELL NAME RAZOR #27I-3413A - API 05123378990000				LOCATION 27-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado					
DISTRICT Brighton				DRILLING CONTRACTOR RIG # CADE 23				TYPE OF JOB Surface					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 9-5/8 in		Alum Baffle Plate, Slip On, 9-5/8											
		Float Shoe 9-5/8 - 8rd											
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				0		0	8.34	0	0	00:00	15		
TypeIII+1%CaCl+.25CF						688	14.5	1.40	6.81	01:30	171.76	111.51	
Fresh water				0		0	8.34	0	0	00:00	116.74		
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.		TOTAL				303.50	111.51		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
13.5	25	1550	8.921	9.625	36	CSG	1550	1550	J-55	1631	1584		
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	0			9.625	8 RD	WATER BASED	9
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			
125	BBLS	Fresh water	8.34	850	0	0	0	0	0	1000	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: 9 LBS/GAL Mud Density Out: 9 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: 1 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: 19			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							
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							

CEMENT JOB REPORT



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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4709 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
04:30	0	0	0	0	NA	YARD CALL	
06:31	0	0	0	0	NA	LEAVE YARD	
08:51	0	0	0	0	NA	ARRIVE ON LOCATION	
15:02	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
16:15	0	0	0	0	NA	SAFETY MEETING	
16:28	4709	0	0	0	H2O	PRESSURE TEST	
16:35	287	0	6	20	H2O	PRE FLUSH	
16:44	278	0	5.1	170	CMT	688 SACKS 14.5 PPG CEMENT	
17:22	0	0	0	0	NA	DROP PLUG	
17:26	584	0	6	80	H2O	DISPLACEMENT	
17:39	605	0	4.8	20	H2O	RATE CHANGE	
17:43	757	0	3.6	25	H2O	RTAE CHANGE	
17:53	1126	0	3.6	125	H2O	BUMP PLUG/25 BBLs CEMENT RETURNED	
17:56	0	0	0	0	NA	BLEED OFF/TEST FLOATS	
18:00	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1126	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 26	TOTAL BBL. PUMPED 315	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

