





FIELD RECEIPT NO. 10011034772

CUSTOMER WHITING OIL & GAS CORP XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20096998 - 0040137279		INVOICE NUMBER	
MAIL INVOICE TO STREET OR BOX NUMBER 1700 BROADWAY, SUITE 2300					CITY DENVER		STATE Colorado		ZIP CODE 80290-2300			
DATE WORK COMPLETED		MO. 12	DAY 22	YEAR 2013	BHI REPRESENTATIVE RYAN R STEVENS		WELL API NO: 05123378980000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 12,215		WELL CLASS : Oil					
WELL NAME AND NUMBER RAZOR #27I-3415A					TD WELL DEPTH(ft) 12,525		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 27-10N-58W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Liner			
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement				sacks	258	29.700	7,662.60	65%	2,681.91		
100112	Calcium Chloride				lbs	300	1.220	366.00	75%	91.50		
100120	Bentonite				lbs	1301	0.500	650.50	65%	227.68		
100121	Silica Flour				lbs	8669	0.530	4,594.57	65%	1,608.10		
100283	R-3				lbs	118	3.490	411.82	65%	144.14		
100316	Barite, Bulk				lbs	4100	0.600	2,460.00	65%	861.00		
100317	Poz (Fly Ash)				sacks	258	13.200	3,405.60	65%	1,191.96		
100404	Sodium Chloride				lbs	100	0.490	49.00	75%	12.25		
398117	Ultra Flush II System				bbls	20	203.000	4,060.00	65%	1,421.00		
428086	BA-59				lbs	87	34.200	2,975.40	65%	1,041.39		
488015	FL-52				lbs	261	25.600	6,681.60	65%	2,338.56		
488019	FP-6L				gals	4	99.250	397.00	65%	138.95		
499632	Granulated Sugar				lbs	50	3.490	174.50	65%	61.08		
499767	FL-63				lbs	87	68.500	5,959.50	65%	2,085.83		
	SUB-TOTAL FOR Product Material							39,848.09	65.10%	13,905.35		
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CUSTOMER REP. Chris					CUSTOMER AUTHORIZED AGENT X							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X							



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PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST 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	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
	SUB-TOTAL FOR Service Charges				4,714.75	62.77%	1,755.14
F077A	Cement Pumping, 12001 - 13000 ft	8hrs	1	21,750.000	21,750.00	65%	7,612.50
F090	Fuel per pump charge - cement	pump/hr	6	61.000	366.00	0%	366.00
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	206	9.100	1,874.60	65%	656.11
J391	Mileage, Auto, Pick-Up or Treating Van	miles	206	5.150	1,060.90	65%	371.32
	SUB-TOTAL FOR Equipment				27,321.50	64.13%	9,800.43
J401	Bulk Delivery, Dry Products	ton-mi	3009	3.030	9,117.27	65%	3,191.04
	SUB-TOTAL FOR Freight/Delivery Charges				9,117.27	65.00%	3,191.04

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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
		FIELD ESTIMATE							81,001.61	64.63%	28,651.96	
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CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 22-DEC-13		F.R. # 10011034772		SERV. SUPV. RYAN R STEVENS					
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 Liner					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Plug		Float Collar, AI Flap, 4-1/2 - 8rd		Liner Packer		4823	4823	Liner		5620	12515		
Liner		Float Shoe 4-1/2 - 8rd											
Dart for plug													
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	
50:50 + Adds				C12-067-13		516	14.5	1.44	6.20	07:50	132.26	76.15	
Fresh Water						0	8.34	0	0	00:00	148.7		
Ultraflush II						0	12	0	0	00:00	20		
Fresh Water						0	8.34	0	0	00:00	10		
Oil based mud						0	0	0	0	00:00	0		
Available Mix Water 500 Bbl.				Available Displ. Fluid 500 Bbl.				TOTAL		310.96	76.15		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
6	0	12525	4	4.5	11.6	CSG	12515	5620	N-80	12515	12420	0	
			2.562	4	36	DP	4823	4823					
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	6282	5620	Liner	12215	0	0	4	8RD	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			
148.7	BBLS	Fresh Water	8.34	622	0	0	0	0	6224	6000	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 3 BPM				
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL						PV & YP Mud In: 14			PV & YP Mud Out: 14				
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: 0 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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 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 type="checkbox"/> MANIFOLD <input checked="" 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							

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

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 4365 PSI									
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>									
12:00	0	0	0	0	N/A	Yard call									
15:07	0	0	0	0	N/A	Time left district									
17:10	0	0	0	0	N/A	Time arrived on loation (103 miles)									
17:20	0	0	0	0	N/A	HRA/ Spot trucks									
17:30	0	0	0	0	N/A	Pre rig up safety meeting									
19:45	0	0	0	0	N/A	Pre job safety meeting									
20:21	0	0	0	0	N/A	Rig pump ball down set liner									
21:59	4365	0	0	0	WATER	Pressure test									
22:06	728	0	3.1	10	WATER	Fresh water spacer									
22:11	501	0	2.5	20	SPACER	Ultra flush II spacer									
22:23	678	0	3.7	130	CEMENT	Batch up, weigh and pump 516 SXS of class of (50:50) POZ (Fly Ash) :Class G + 0.27% R-3 + 0.2% FL-63 + 0.6% FL-52 + 3% Bentonite + 20% Silca Flour + 0.2% BA-59 @ 14.5 PPG									
23:04	0	0	0	0	N/A	Drop dart									
23:17	122	0	3.7	20	WATER	Displacement									
23:21	552	0	2.9	20	WATER	Slow rate to pick up Plug									
23:28	2328	0	1486	90	WATER	Increase rate									
23:51	1678	0	2.8	13	WATER	Drop rate									
23:57	1991	0	2.8	143	WATER	Bump plug									
00:00	0	0	0	0	N/A	Check floats									
00:03	0	0	0	0	N/A	set packer									
00:11	2269	0	1.2	1	WATER	Back side test									
00:26	0	0	0	0	N/A	Bleed off									
00:33	1486	0	6	115	WATER	Role 7 inch									
00:57	0	0	0	0	N/A	Shut down									
01:00	0	0	0	0	N/A	Pre rig down safety meeting									
02:00	0	0	0	0	N/A	Time off location									
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		PSI TO BUMP PLUG 1991		TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		BBL.CMT RETURNS/ REVERSED .5		TOTAL BBL. PUMPED 419		PSI LEFT ON CSG 0		SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N		Service Supervisor Signature:	