

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XA				DATE 03-JAN-14		F.R. # 10011035628		SERV. SUPV. FELIPE LANDA			
LEASE & WELL NAME RAZOR #21C-2805A - API 05123378390000				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	MD	TVD	HANGER TYPES	MD	TVD
	Centralizer, with Pins, 4-1/2 in				Liner	5043	5770
	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50 + Adds		516	14.5	1.44	6.20		132.25	76.16
Fresh Water			8.34				149.2	
Ultraflush II			12				20	
Fresh Water			8.34				10	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		311.45		76.16

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6	15	12805	4	4.5	11.6	CSG	12795	5770	L-80	12795	12701	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.
6.3	7	26	CSG	6179	5770	LINER	5043	0	0	4	8RD	WATER BASED	10

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	
149.2	BBLS	Fresh Water	8.34	978	0	0	0	0	7780	6224	TANK

Circulation Prior to Job			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1	
Mud Density In: 10 LBS/GAL		Mud Density Out: 10 LBS/GAL	
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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 86	
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD		Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID	

Plugs			
Number of Attempts by BJ: 0		Competition:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <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 checked="" 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

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 4186 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
02:00	0	0	0	0	NA	YARD CALL		
06:08	0	0	0	0	NA	ARRIVED ON LOCATION (RIG STARTING TO RUN CASING) 1-3-14		
19:10	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING		
20:20	0	0	0	0	NA	SAFETY MEETING		
22:10	1144	0	0	0	H2O	HIGH PRESSURE TEST		
22:13	4186	0	0	0	H2O	LOW PRESSURE TEST		
22:18	1631	0	4.5	10	H2O	FRESH WATER		
22:26	1018	0	3.2	20	H2O	ULTRAFLUSH II @ 12 PPG		
22:37	1069	0	4.4	130	CEMENT	516 SACKS OF (50:50) POZ (FLY ASH) CLASS "G" CEMENT + 0.25% R-3 + 0.2% FL-63 + 0.6% FL-52 + 3% BENTONITE + 20% SILICA FLOUR + 0.2% BA-59 + @ 14.5 PPG		
23:30	0	0	0	0	H2O	WASH PUMP AND LINES		
23:41	0	0	0	0	NA	DROP PLUG		
23:42	1750	0	4.8	20	H2O	DISPLACE		
23:47	1370	0	2.4	14	H2O	RATE CHANGE		
23:53	1421	0	4.5	96	H2O	RATE CHANGE		
00:15	1119	0	2.3	20	H2O	RATE CHANGE		
00:22	1848	0	2.3	0	H2O	BUMP PLUG @ 150 BBLS		
00:40	2100	0	.8	0	H2O	TEST PACKER		
00:55	2024	0	0	0	H2O	END PACKER TEST		
01:03	1773	0	6	144	H2O	CIRCULATE WELL CLEAN		
01:35	0	0	0	0	NA	POST JOB 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	1848	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	3	575	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



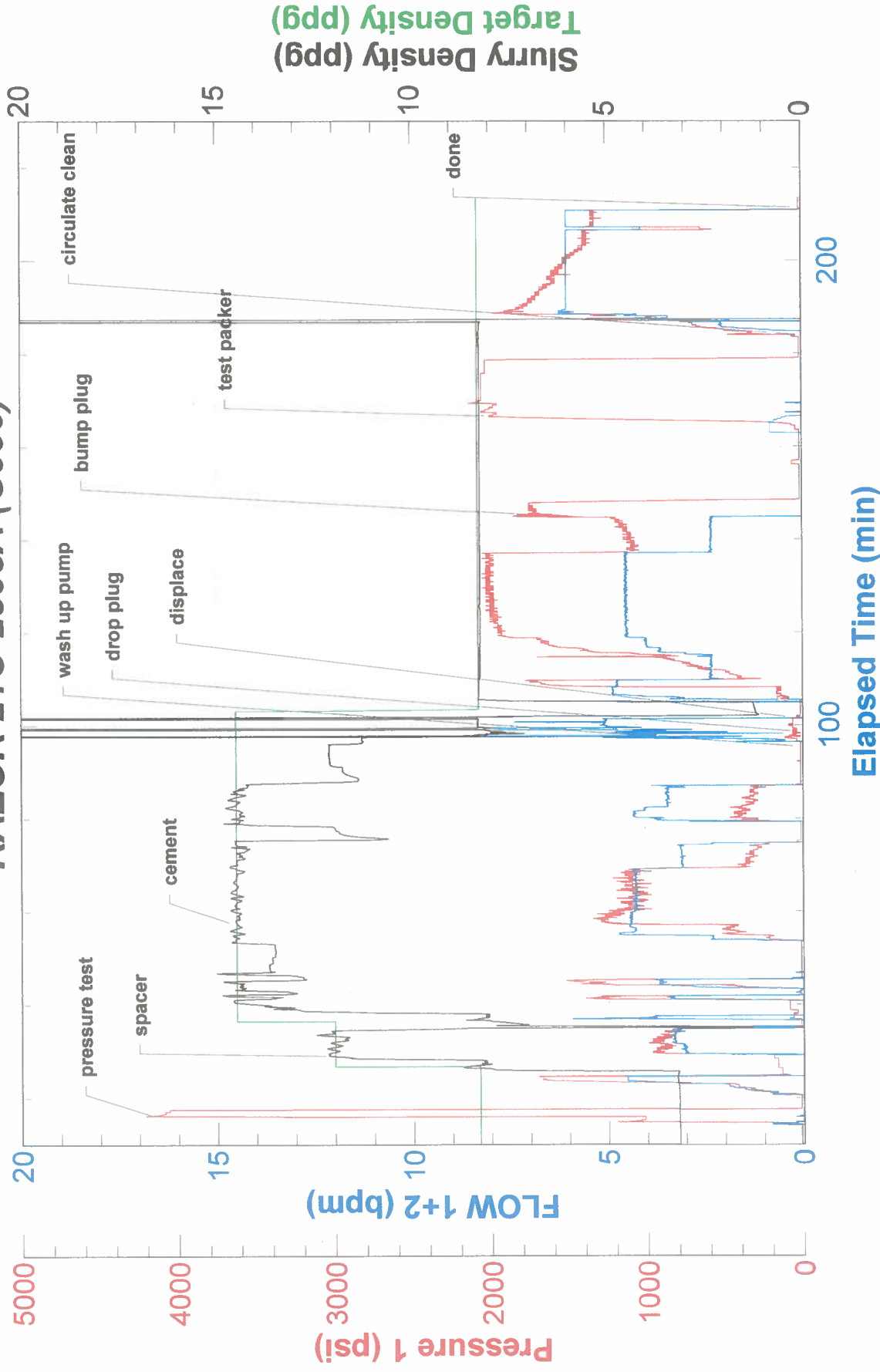
Baker Hughes JobMaster Program Version 3.60

Job Number: 10011035628

Customer: WHITING PETROLEUM

Well Name: RAZOR 21C-2805A

RAZOR 21C-2805A (C990)





FIELD RECEIPT NO. 10011035628

CUSTOMER				WHITING OIL & GAS CORP XML				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER			
MAIL				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE							
INVOICE TO				1700 BROADWAY, SUITE 2300				DENVER				Colorado				80290-2300							
DATE WORK		MO.		DAY		YEAR		BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :									
COMPLETED		01		04		2014		FELIPE LANDA		05123378390000		New Well		Oil									
DISTRICT								JOB DEPTH(ft)				12,795											
BJS, BRIGHTON																							
WELL NAME AND NUMBER								TD WELL DEPTH(ft)				12,805				GAS USED ON JOB :							
RAZOR #21C-2805A																No Gas							
WELL				LEGAL DESCRIPTION				COUNTY/PARISH				STATE				JOB TYPE CODE :							
LOCATION :				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		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		109		3.490		380.41		65%		133.14							
100316				Barite, Bulk		lbs		4040		0.600		2,424.00		65%		848.40							
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								39,780.68		65.10%		13,881.75							
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.											
				01		03		2014		06.08													
CUSTOMER REP.				BENJAMIN BETTS								CUSTOMER AUTHORIZED AGENT											
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS												X											
												X											
												BHI APPROVED											
												[Signature]											



FIELD RECEIPT NO. 10011035628

CUSTOMER				WHITING OIL & GAS CORP XML				CREDIT APPROVAL NO.				PURCHASE ORDER NO.				CUSTOMER NUMBER				INVOICE NUMBER											
MAIL				STREET OR BOX NUMBER				CITY				STATE				ZIP CODE															
INVOICE TO				1700 BROADWAY, SUITE 2300				DENVER				Colorado				80290-2300															
DATE WORK COMPLETED		MO.	DAY	YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE :		WELL CLASS :		GAS USED ON JOB :		JOB TYPE CODE :																
01 04 2014		01	04	2014	FELIPE LANDA		05123378390000		New Well		Oil		No Gas		Liner																
DISTRICT				JOB DEPTH(ft)				TD WELL DEPTH(ft)				JOB DEPTH(ft)				WELL CLASS :															
BJS, BRIGHTON				12,795				12,805				12,805				Oil															
WELL NAME AND NUMBER				COUNTY/PARISH				STATE				JOB TYPE CODE :				GAS USED ON JOB :															
RAZOR #21C-2805A				Weld				Colorado				Liner				No Gas															
WELL LOCATION :				LEGAL DESCRIPTION				UNIT OF MEASURE				QUANTITY				LIST PRICE UNIT				GROSS AMOUNT				% DISC.				NET AMOUNT			
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				735				4.170				3,064.95				65%				1,072.73			
R798				Automatic Density System				job				1				1,530.000				1,530.00				65%				535.50			
				SUB-TOTAL FOR Service Charges																4,756.45				62.79%				1,769.73			
F077A				Cement Pumping, 12001 - 13000 ft				8hrs				1				21,750.000				21,750.00				65%				7,612.50			
F088				Cement Pumping, Additional hrs				hrs				11				750.000				8,250.00				0%				8,250.00			
F090				Fuel per pump charge - cement				pump/hr				6				61.000				366.00				0%				366.00			
J225				Data Acquisition, Cement, Standard				job				1				1,635.000				1,635.00				65%				572.25			
J390				Mileage, Heavy Vehicle				miles				216				9.100				1,965.60				65%				687.96			
J391				Mileage, Auto, Pick-Up or Treating Van				miles				216				5.150				1,112.40				65%				389.34			
				SUB-TOTAL FOR Equipment																35,079.00				49.03%				17,878.05			
J401				Bulk Delivery, Dry Products				ton-mi				3151				3.030				9,547.53				65%				3,341.64			
				SUB-TOTAL FOR Freight/Delivery Charges																9,547.53				65.00%				3,341.64			

ARRIVE LOCATION : MO. 01 DAY 03 YEAR 2014 TIME 06:08

CUSTOMER REP. BENJAMIN BETTS

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

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.

CUSTOMER AUTHORIZED AGENT

BHI APPROVED

CUSTOMER AUTHORIZED AGENT



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