

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP			DATE 16-DEC-13		F.R. # 10011033624		SERV. SUPV. VITALIJS A NEVERDASOV							
LEASE & WELL NAME RAZOR #27I-3415A - API 05123378980000			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-PC		Float Collar, AI Flap, 9-5/8 - 8rd		NONE		0	0	NONE		0	0			
		Centralizer, with Pins, 9-5/8 in												
		Float Shoe 9-5/8 - 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		
Fresh water				N/A		0	8.34	0	0	00:00	15			
TypeIII+1%CaCl+.25CF				N/A		688	14.5	1.40	6.81	02:45	171.76	111.51		
Fresh water				N/A		0	8.34	0	0	00:00	116.74			
Available Mix Water 300 Bbl.				Available Displ. Fluid 170 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	1635	8.921	9.625	36	CSG	1620	1620	J-55	1620	1574	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.
						no packer		0			9.625	8RND	WATER BASED	8.7
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		
121.7	BBLS	Fresh water		8.34	473	0		0	0	0	2816	1600	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: 8.7 LBS/GAL Mud Density Out: 8.7 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: .5 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: 12			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: 1544 PSI With 8.5 LBS/GAL Mud						Time Held: 00 Hours 15 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

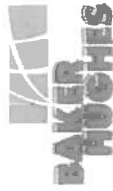
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

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

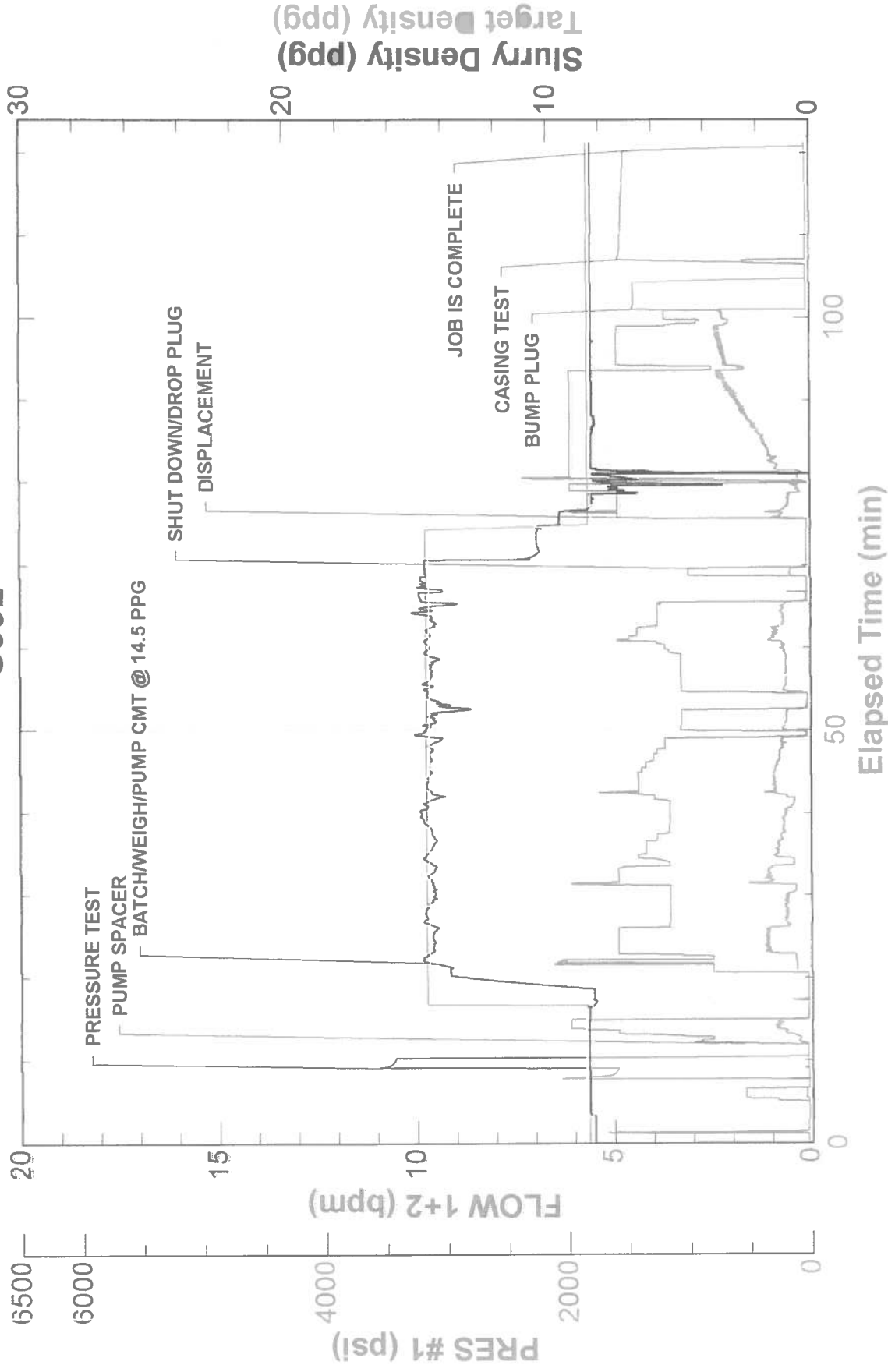
PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3520 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:23	0	0	0	0	N/A	LEAVE DISTRICT	
12:57	0	0	0	0	N/A	ARRIVE ON LOCATION, 106 MILES/ RIG RUNNING CASING	
15:03	0	0	0	0	N/A	SPOT TRUCKS	
15:20	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
16:08	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
16:36	20	0	1.6	2	H2O	LOAD LINE	
16:40	3520	0	.4	.1	H2O	PRESSURE TEST	
16:44	236	0	6	15	H2O	FRESH WATER SPACER	
16:51	311	0	4.2	168	CMT	BATCH/WEIGH/PUMP CEMENT @ 14.5 PPG	
17:41	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
17:46	735	0	6	80	MUD	DISPLACEMENT	
18:05	757	0	4.8	30	MUD	SLOW RATE	
18:08	835	0	3.6	11	MUD	SLOW RATE	
18:12	1421	0	0	121	MUD	BUMP PLUG	
18:15	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
18:18	1544	0	1.5	1544	MUD	CASING TEST	
18:32	0	0	0	0	N/A	BLEED OFF	
18:41	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	835	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	28	305	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Cong An



Baker Hughes JobMaster Program Version 3.60
Job Number: 10011033624
Customer: WHITING
Well Name: RAZOR 27I-3415A

C992





FIELD RECEIPT NO. 10011033624

CUSTOMER WHITING PETROLEUM CORP STREET OR BOX NUMBER 1700 BROADWAY STE 2300				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20096998 - 00218070		INVOICE NUMBER	
MAIL INVOICE TO :				CITY DENVER		STATE Colorado		ZIP CODE 80290			
DATE WORK COMPLETED MO. 12 DAY 16 YEAR 2013		BHI REPRESENTATIVE VITALIUS A NEVERDASOVS		WELL API NO: 05123378980000		WELL TYPE : New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,620		WELL CLASS : Oil					
WELL NAME AND NUMBER RAZOR #271-3415A				TD WELL DEPTH (ft) 1,635		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 27-10N-58W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112	Calcium Chloride			lbs	✓647	1.290	834.63	65%	292.12		
100112	Calcium Chloride			lbs	✓300	1.290	387.00	75%	96.75		
100295	Cello Flake			lbs	✓72	5.100	877.20	65%	307.02		
100404	Sodium Chloride			lbs	✓100	0.520	52.00	75%	13.00		
488019	FP-6L			gals	✓7	104.250	729.75	65%	255.41		
499632	Granulated Sugar			lbs	✓100	3.840	384.00	65%	134.40		
499680	Static Free			lbs	✓58	40.700	2,238.50	65%	783.48		
499703	Type III Cement			sacks	✓688	31.700	21,809.60	65%	7,633.36		
SUB-TOTAL FOR Product Material							27,312.68	65.16%	9,515.54		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge			cu ft	723	5.450	3,940.35	65%	1,379.12		
R798	Automatic Density System			job	1	1,990.000	1,990.00	65%	696.50		
SUB-TOTAL FOR Service Charges							6,140.35	62.78%	2,285.62		
ARRIVE LOCATION :				MO. 12 DAY 16 YEAR 2013				TIME 12:57			
CUSTOMER REP. KYLE RENTON				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.							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT							
				BHI APPROVED <i>Euc</i>							
				CUSTOMER AUTHORIZED AGENT <i>hulu</i>							



FIELD RECEIPT NO. 10011033624

CUSTOMER WHITING PETROLEUM CORP				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20096998 - 00218070		INVOICE NUMBER	
MAIL INVOICE TO : 1700 BROADWAY STE 2300				CITY DENVER		STATE Colorado		ZIP CODE 80290			
DATE WORK COMPLETED		MO. 12	DAY 16	YEAR 2013	BHI REPRESENTATIVE VITALIUS A NEVERDASOV		WELL API NO: 05123378980000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 1,620		WELL CLASS : Oil				
WELL NAME AND NUMBER RAZOR #271-3415A					TD WELL DEPTH (ft) 1,635		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 27-10N-58W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	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	
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	212	11.850	2,512.20	65%	879.27	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	212	6.700	1,420.40	65%	497.14	
K289	Misc Cement Pumping, Non-Pump Time				hrs	1	575.000	575.00	65%	201.25	
SUB-TOTAL FOR Equipment								12,623.60	65%	4,418.26	
J401	Bulk Delivery, Dry Products				ton-mi	3501	3.940	13,793.94	65%	4,827.88	
SUB-TOTAL FOR Freight/Delivery Charges								13,793.94	65.00%	4,827.88	
FIELD ESTIMATE								59,870.57	64.85%	21,047.30	
Code 810-14 AFE 13-0900											
ARRIVE LOCATION :		MO. 12	DAY 16	YEAR 2013	TIME 12:57		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 REP. KYLE RENTON							CUSTOMER AUTHORIZED AGENT <i>Cory</i> <i>Stunt</i>				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							BHI APPROVED <i>Cory</i> <i>Stunt</i>				