

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM				DATE 04-JUL-15		F.R. # 10011163935				SERV. SUPV. FELIPE LANDA								
LEASE & WELL NAME RAZOR FED #30K-3108 - API 05123402150000						LOCATION NESW S30-10N-58W				COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton						DRILLING CONTRACTOR RIG # Unit 406				TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS			LIST-CSG-HARDWARE			MECHANICAL BARRIERS			MD	TVD	HANGER TYPES		MD	TVD				
7" Top Cem Plug, Nitrile cvr, Phen			Centralizer, with Pins, 7 in															
			Float Collar, Al Flap, 7 - 8rd															
			Float Shoe 7 - 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
Ultra Flush II Spacer													10.5				20	
20:80 (POZ:TYPE III) + Adds						366						12.5	2.21	12.06		144.00	105.10	
Fresh Water												8.34				239.3		
50:50 (POZ:CLASS G) + Adds						236						13.8	1.47	6.79		61.76	38.18	
Fresh Water												8.34				10		
Available Mix Water 400 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL				475.06		143.27				
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE						
8.75	20	6499	6.184	7	29	CSG	6487	5950		6487	6444	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	1611		NO PACKER	0	0	0	7	8RD	WATER BASED	9.9					
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								
239.3	BBLS	Fresh Water	8.34	1019	0	0	0	0	11220	8976	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: 9.9 LBS/GAL Mud Density Out: 9.9 LBS/GAL						PV & YP Mud In: 10			PV & YP Mud Out: 10									
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: 47		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:		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: 1502 PSI						With 9.9 LBS/GAL Mud		Time Held: 00 Hours 25 Minutes										
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE																		

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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

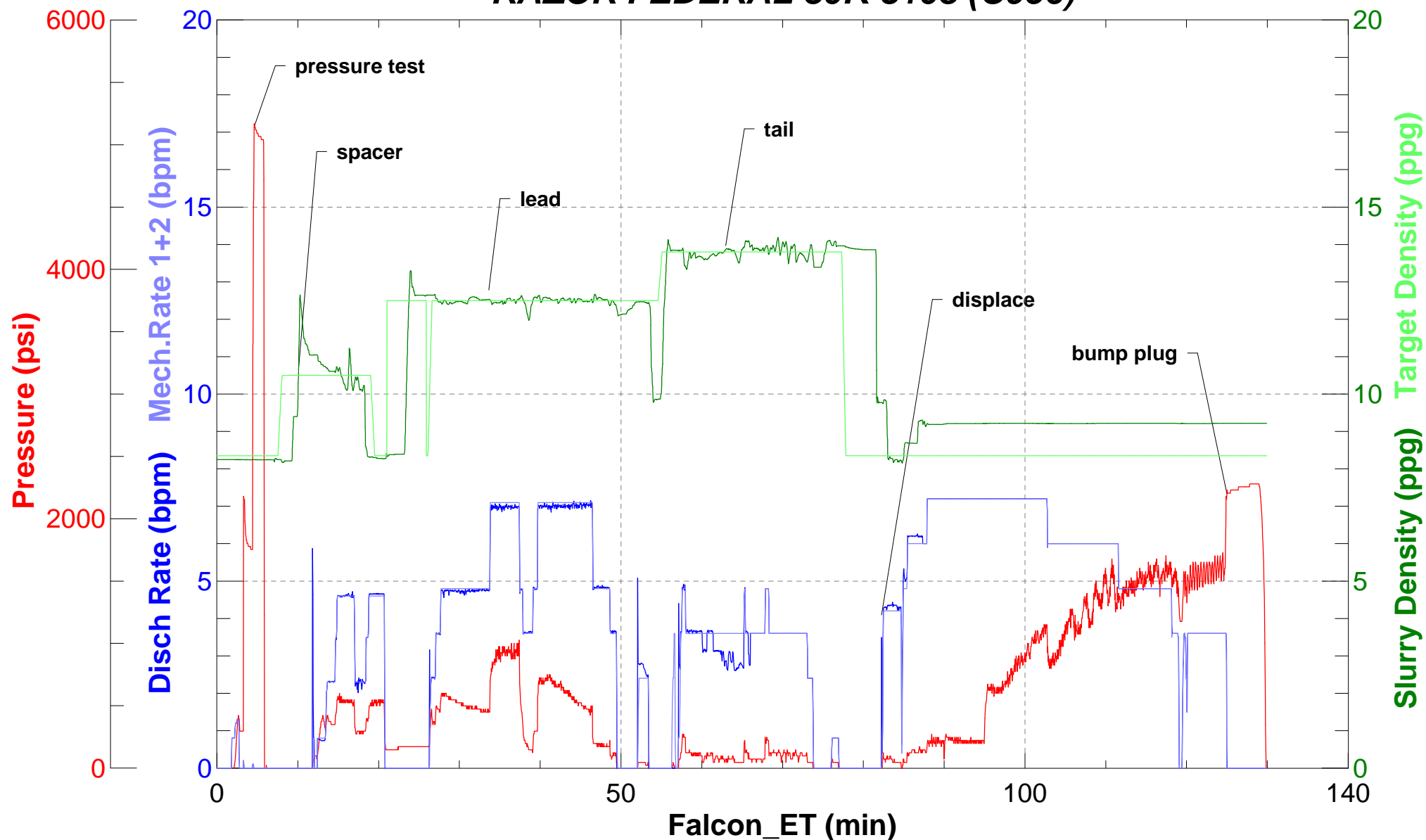
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

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 5167 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
00:50	0	0	0	0	N/A	ARRIVE ON LOCATION (rig running casing)
01:15	0	0	0	0	N/A	SPOT TRUCKS/PRE RIG UP SAFETY MEETING
01:45	0	0	0	0	N/A	BHI STANDING BY
04:00	0	0	0	0	N/A	CASING CREW DONE
04:30	0	0	0	0	N/A	PRE JOB SAFETY MEETING
04:47	0	0	.8	1	H2O	LOAD LINES
04:48	5167	0	0	0	H2O	PRESSURE TEST
04:58	548	0	4.6	20	H2O	ULTRA FLUSH II @ 10.5 PPG
05:03	473	0	4.6	10	H2O	FRESH WATER + DYE
05:10	975	0	6	133	LEAD	366 SACKS OF 20:80 POZ (FLY ASH):TYPE III CEMENT + 0.3% R-3 + 0.2% CD-32 + 15 lbs/sack CSE-2 + 0.6% FL-57, 50 lb bag + 0.01 gps FP-6L @ 12.5 ppg
05:40	76	0	3.6	59	TAIL	236 SACKS OF 50:50 POZ (FLY ASH): CLASS "G" CEMENT + 0.1% CD-32 + 0.2% ASA-301 + 0.01 gps + 0.2% SODIUM METASILICATE + 0.6% FL-66 + 10 lbs/sack CSE-2 @ 13.8 PPG
06:07	0	0	0	0	N/A	DROP PLUG
06:08	1157	0	7.2	130	MUD	DISPLACE
06:29	1610	0	6	50	MUD	RATE CHANGE
06:37	1686	0	4.8	30	MUD	RATE CHANGE
06:44	1678	0	3.6	29	MUD	RATE CHANGE
06:51	2180	0	3.6	0	MUD	BUMP PLUG @ 239 BBLS (10 bbls cement to surface)
06:54	0	0	0	0	MUD	CHECK FLOATS
07:05	1502	0	.8	0	MUD	CASING TEST
07:35	1577	0	0	0	MUD	END CASING TEST
07:40	0	0	0	0	N/A	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	2180	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	461	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

RAZOR FEDERAL 30K-3108 (C956)





FIELD RECEIPT NO. 10011163935

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 07 04 2015		BHI REPRESENTATIVE FELIPE LANDA			WELL API NO: 05123402150000		WELL TYPE : New Well						
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 6,487		WELL CLASS : Oil						
WELL NAME AND NUMBER RAZOR FED #30K-3108					TD WELL DEPTH (ft) 6,499		GAS USED ON JOB : No Gas						
WELL LOCATION :		LEGAL DESCRIPTION 30-10N-58W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021		Class G Cement				sacks	118	31.800	3,752.40	75%	938.10		
100275		Sodium Metasilicate				lbs	40	4.100	164.00	81%	31.16		
100283		R-3				lbs	99	3.840	380.16	81%	72.23		
100295		Cello Flake				lbs	5	5.100	25.50	81%	4.85		
100316		Barite, Bulk				lbs	3600	0.630	2,268.00	80%	453.60		
100317		Poz (Fly Ash)				sacks	191	14.200	2,712.20	75%	678.05		
398117		Ultra Flush II System				bbls	20	213.500	4,270.00	90%	427.00		
488013		CD-32				lbs	86	13.300	1,143.80	81%	217.32		
488019		FP-6L				gals	3	104.250	312.75	81%	59.42		
488353		CSE-2				lbs	7850	1.700	13,345.00	81%	2,535.55		
499632		Granulated Sugar				lbs	50	3.840	192.00	75%	48.00		
499703		Type III Cement				sacks	293	31.700	9,288.10	75%	2,322.03		
499705		ASA-301				lbs	40	20.250	810.00	80%	162.00		
L488625-50		FL-57, 50 lb bag				lbs	198	38.000	7,524.00	81%	1,429.56		
		SUB-TOTAL FOR Product Material							46,187.91	79.69%	9,378.87		
ARRIVE LOCATION :		MO. 07	DAY 04	YEAR 2015	TIME 00:50	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					SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. CHAD ANTON					X						CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					X						BHI APPROVED		



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PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
VP001		Cement Svcs Int Equip-100miles or less				ea	1	13,520.000	13,520.00	0%	13,520.00
		SUB-TOTAL FOR Equipment							13,520.00	0%	13,520.00
M9985		Miscellaneous Delivery Charges				ea	1	700.000	700.00	0%	700.00
		SUB-TOTAL FOR Freight/Delivery Charges							700.00	0%	700.00
		FIELD ESTIMATE							60,407.91	60.93%	23,598.87
ARRIVE MO. DAY YEAR TIME LOCATION : 07 04 2015 00:50		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. CHAD ANTON		CUSTOMER AUTHORIZED AGENT _____ CUSTOMER AUTHORIZED AGENT						CUSTOMER AUTHORIZED AGENT X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								BHI APPROVED X			