

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"/> RECIPROICATION <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

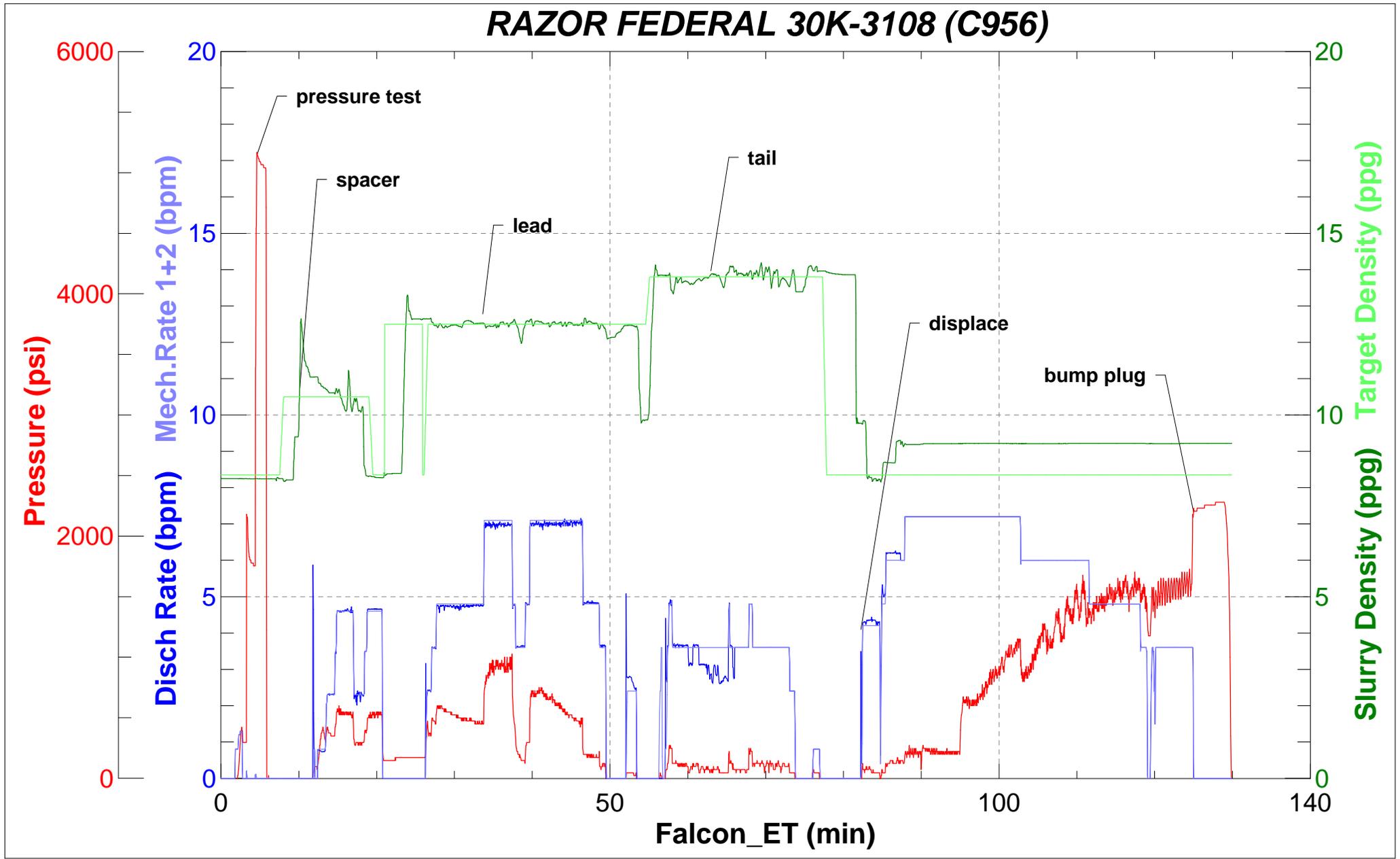
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
NONE

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	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG	2180	TEST FLOAT EQUIP.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED	10	TOTAL BBL. PUMPED	461	PSI LEFT ON CSG	0	SPOT TOP OUT CEMENT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:
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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	MO. 07	DAY 04	YEAR 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.			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 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
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
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SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X	
					CUSTOMER AUTHORIZED AGENT				BHI APPROVED	
									X	