

CEMENT JOB REPORT



CUSTOMER MARATHON OIL - XML		DATE 14-FEB-12	F.R. # 1001888539	SERV. SUPV. AARON M MCWILLIAMS	
LEASE & WELL NAME CROW VALLEY 7-62-35 #2H - API 05123349210000		LOCATION SEC 35 - 7 N - 62 W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # H & P 321		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	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Guide Shoe, Cement Nose, 9-5/8 i						
	Cement Basket, Slip On, 9-5/8 in						
	Centralizer, with Pins, 9-5/8 in						

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	
Fresh water	0	0	8.34	0	0	00:00	25		
Type III+1.5%CaCl+.15#/skCF	0	342	14.5	1.41	6.82	01:30	85.65	55.53	
Fresh water	0	0	8.34	0	0	00:00	50.5		
Type III + 2% CaCl	0	20	14.5	1.41	6.82	00:00	5	3.23	
Available Mix Water 500 Bbl.		Available Displ. Fluid 380 Bbl.		TOTAL		166.15		58.77	

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	100	711	8.835	9.625	40	CSG	711	711	N-80	711	666	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.
16.	16	62.6	CSG	90	90	No packer	0	0	0	9.625	8RD	WATER BASED	8.4

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	
50	BBLS	Fresh water	8.34	207	0	0	0	0	4600	2000	Rig tank

Circulation Prior to Job																			
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					Circulation Time: 1					Circulation Rate: 7 BPM									
Mud Density In: 8.4 LBS/GAL					Mud Density Out: 8.4 LBS/GAL					PV & YP Mud In: 0					PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>					Units: 0					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: .25 BBLS									
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL					Method Used to Verify Returns: Visually									
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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					Quantity: 8					Type: <input checked="" 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 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)

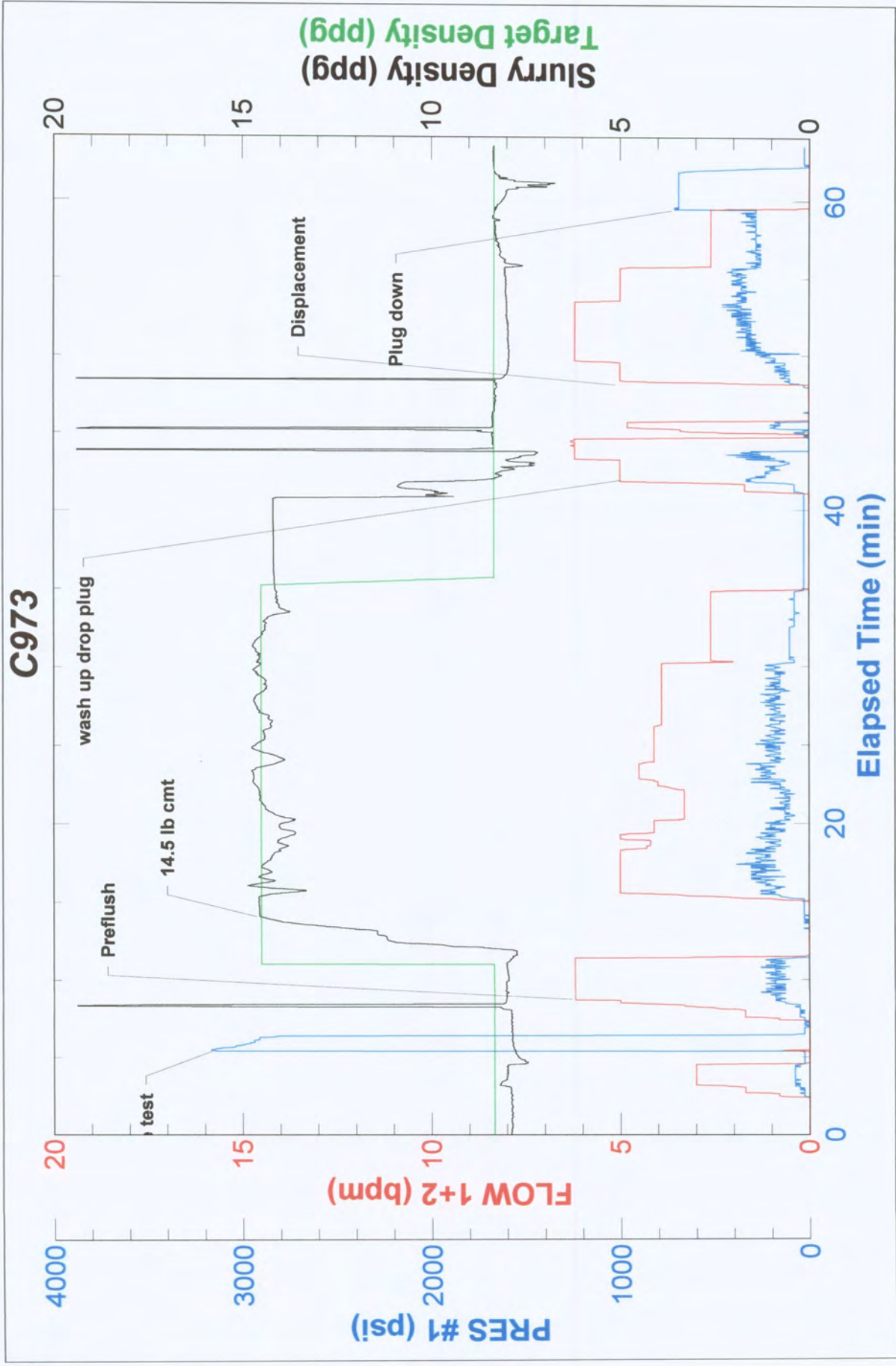
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) N/A		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) Cement fell after displacement had to top out with 5 bbl's.		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) N/A		

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 3283 PSI CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
14:30	0	0	0	0	N/A	Yard call
16:30	0	0	0	0	N/A	Leave yard
17:40	0	0	0	0	N/A	Arrive on location 59 miles rig running casing
17:45	0	0	0	0	N/A	Spot trucks
17:50	0	0	0	0	N/A	Rig up safety meeting
23:00	0	0	0	0	N/A	Pre job safety meeting
23:27	3283	0	0	0	H2O	Pressure test pumps and lines
23:30	152	0	6	25	H2O	Preflush
23:38	230	0	4.1	78	CMT	Batch up and pump 342 sks of Type III + 1.5% Cacl2 + 0.15 lbs/sack Cello Flake 14.5 ppg 1.41 yield 14.5 ppg 1.41 yield 6.82 gps
23:57	0	0	0	0	H2O	Wash up drop plug
00:10	460	0	6	30	MUD	Displacement
00:16	358	0	4.8	10	MUD	Rate change
00:18	360	0	2.4	10	MUD	Rate change
00:22	404	0	2.4	50	MUD	Bump plug
00:22	707	0	0	0	N/A	Plug down @ 50 bbl's
01:35	30	0	1	5	CMT	Top out
01:40	0	0	0	0	N/A	Rig down safety meeting
02:40	0	0	0	0	N/A	Leave location

BUMPED PLUG <input type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 707	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 22	TOTAL BBL. PUMPED 158	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature:
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BJ Services JobMaster Program Version 3.50
Job Number: 1001888539
Customer: Marathon
Well Name: Crow Vally 7-62-35 #2H





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Job Number: 1001888539
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Well Name: Crow Vally 7-62-35 #2H

C973 TOP OUT

