

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XM		DATE 05-SEP-14		F.R. # 10011096988		SERV. SUPV. Zachary Fagg	
LEASE & WELL NAME RAZOR #21C-0906 - API 05123395240000		LOCATION 21-10N-58W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Liner			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Dart For Plug Catcher, 4-1/2 In		Float Shoe 4-1/2 - 8rd		Liner Packer		5187	5187
Cement Plug, Rubber, Top 4-1/2 in		Float Collar, Pop Valve, 4-1/2 - 8rd					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
50:50 + Adds				695	14.5	1.21	5.26
Fresh Water				0	8.34	0	0 00:00
Ultraflush II				0	12	0	0 00:00
Fresh Water				0	8.34	0	0 00:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		377.19	87.11
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
6	15	13790	4	4.5	11.6	CSG	8928
			3.34	4	14	DP	4900
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
6.2	7	29	CSG	6333	6024	BAKER PACKER	8928
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
173	BBLS	Fresh Water	8.34	0	0	0	0
MAX CSG PSI		MAX TBG PSI		MAX CSG PSI		MIX WATER	
8552		6263		RIG			
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1			
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units: 18			
PV & YP Mud In: 18				PV & YP Mud Out: 18			
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: 1.5 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input 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: 100			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Plugs							
Number of Attempts by BJ: 0				Competition: 0			
Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity: 0			
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: 0 PSI				With 0 LBS/GAL Mud			
Time Held: 00 Hours 00 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 6263 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:45	0	0	0	0	N/A	LEAVE DISTRICT	
13:00	0	0	0	0	N/A	ON LOCATION	
13:01	0	0	0	0	N/A	WAITING ON RIG	
17:00	0	0	0	0	N/A	SPOT TRUCKS	
17:25	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING & RIG UP	
22:17	0	0	0	0	N/A	SAFETY MEETING	
23:20	0	0	.4	1	H2O	LOAD LINES	
23:24	6263	0	0	0	H2O	PRESSURE TEST	
23:36	1395	0	4.1	20	H2O	SPACER	
23:42	955	0	4.1	20	H2O	PREFLUSH SPACER	
00:05	1718	0	4.7	145	CMNT	14.5# SLURRY	
00:52	0	0	0	0	N/A	SHUT DOWN	
01:03	0	0	2.4	16	H2O	WASH UP	
01:14	915	0	2.4	1	H2O	DISPLACEMENT	
01:15	915	0	2.4	1	H2O	PLUG AWAY	
01:21	1190	0	2.6	25	H2O	SLOW RATE	
01:24	1650	0	2.6	10	H2O	PICK UP DART	
01:26	1458	0	5	5	H2O	RAISE RATE	
01:52	1206	0	2.7	122	H2O	SLOW RATE	
01:57	2566	0	2.7	10	H2O	BUMP PLUG	
02:00	0	0	0	0	N/A	SET TOOL	
02:11	0	2569	0	0	H2O	BACK SIDE TEST	
02:31	870	0	4.5	160	H2O	ROLL HOLE	
03:08	0	0	0	0	N/A	SHUT DOWN 18 BBLS OF BARITE	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 2566	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 533	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: