

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 24-MAR-13		F.R. # 1001975117			SERV. SUPV. COLE W MARRIOTT						
LEASE & WELL NAME NELSON #5-17-9-60 - API 05123368640000			LOCATION 17-9N-60W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme 19			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Bottom 7 in		Float Collar, AI Flap, 7 - 8rd												
Cement Plug, Rubber, Top 7 in		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		
Drilling Mud + Biocide			0			0	8.9	0	0	00:00	68			
Fresh Water			0			0	8.33	0	0	00:00	10			
SealBond Spacer			0			0	8.4	0	0	00:00	40			
Premium Lite Cement + adds			0			413	12.5	1.94	10.65	03:45	142.83	104.68		
50/50 (Poz/Class G) + adds			0			153	13.5	1.71	8.30	03:00	46.67	30.24		
Drilling Mud			0			0	8.9	0	0	00:00	256.29			
Available Mix Water 900 Bbl.			Available Displ. Fluid 300 Bbl.			TOTAL			563.79	134.92				
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	35	6663	6.366	7	23	CSG	6601	6590	P-110	6601	6514	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	1400	1400	No packer		0	0	0	7	8RD	WATER BASED	9.6
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				
256.3	BBLS	Drilling Mud	8.9	1059	0	0	0	0	7968	3000	Rig			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6 BPM						
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 13				PV & YP Mud Out: 13						
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: 2.2 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 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 51				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: 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	4056 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
21:25	0	0	0	0	N/A	Arrive on location 97 miles	
22:00	0	0	0	0	N/A	Spot trucks rig has a few joints of casing left	
22:10	0	0	0	0	N/A	Pre rig up safety meeting	
23:45	0	0	0	0	N/A	Pre job safety meeting	
02:05	4056	0	0	0	H2O	Pressure test	
02:10	175	0	2	25	H2O	Pumped fluid 9 times with landing collar leaking every time tried a new landing collar on landing joint, also the circulating swage, and many retape jobs	
04:20	526	0	5.9	10	H2O	Fresh water	
04:24	357	0	4.6	40	H2O	Sealbond spacer	
04:38	325	0	6.2	135	CMT	Batch up weigh and pump 413 sxs of PLC + 0.25% bwoc Cello Flake + 0.4% bwoc FL-52 + 6% Gel	
05:05	230	0	4.9	45	CMT	Batch up weigh and pump 153 sxs of (:50)50): Poz (Fly Ash) Class G Cement + 0.4% bwoc FL-52 + 3% bwoc Gel + 0.1% bwoc Sodium Metasilicate + 20% Silica Flour	
05:19	0	0	0	0	H2O	Drop plug	
05:34	1416	0	6	240	MUD	Displacement	
06:19	1375	0	3.6	16	MUD	Bump plug	
06:22	2551	0	0	0	N/A	Plug down	
06:30	300	0	1	2	H2O	Trapped 300 psi in on well	

BUMPED PLUG	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG	1375	TEST FLOAT EQUIP.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED	25	TOTAL BBL. PUMPED	511	PSI LEFT ON CSG	300	SPOT TOP OUT CEMENT	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>Service Supervisor Signature:</u>
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