

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS INC XML	<b>DATE</b> 20-APR-13	<b>F.R. #</b> 1001981772	<b>SERV. SUPV.</b> AARON M MCWILLIAMS
<b>LEASE &amp; WELL NAME</b> NELSON 3-17-9-60 - API 05123368650000	<b>LOCATION</b> 17-9N-60W	<b>COUNTY-PARISH-BLOCK</b> Weld Colorado	
<b>DISTRICT</b> Brighton	<b>DRILLING CONTRACTOR RIG #</b> Xtreme Coil #19	<b>TYPE OF JOB</b> Intermediate	

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
None	Float Shoe 7 - 8rd	None	0	0	None	0	0
Cement Plug, Rubber, Top 7 in	Float Collar, Auto Fill, 7 - 8rd	None	0	0	None	0	0
	Centralizer, with Pins, 7 in	None	0	0	None	0	0
		None	0	0	None	0	0

MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES					
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY
Drilling Mud	0	0	0	0	0	0	0	00:00	0
Fresh Water	0	0	8.33	0	0	0	0	00:00	10
SealBond	0	0	8.4	0	0	0	0	00:00	40
Premium Lite Cement + adds	0	419	12.5	1.94	10.65	03:45	144.77	106.11	
50/50 (Poz/Class G) + adds	0	152	13.5	1.71	8.30	03:00	46.29	29.99	
Drilling Mud	0	0	9.6	0	0	00:00	257.3		
Available Mix Water 500 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		498.36		136.10	

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT
8.75	35	6640	6.366	7	23	CSG	6626	6430	N-80		
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
8.9	9.625	36	CSG	1380	1380	No packer	0	0	0	7	8RD
										WATER BASED MU	
										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	
257	BBLS	Drilling Mud	9.6	1063	0	0	0	0	5072	3000	Rig tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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 4470 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
20:00	0	0	0	0	N/A	Yard call					
23:30	0	0	0	0	N/A	Leave yard					
01:30	0	0	0	0	N/A	Arrive on location miles					
01:45	0	0	0	0	N/A	Spot trucks					
01:50	0	0	0	0	N/A	Rig up safety meeting					
06:50	0	0	0	0	N/A	Pre job safety meeting					
09:02	155	0	1	2	H2O	Load pumps and lines					
09:06	4470	0	0	0	H2O	Pressure test pumps and lines					
09:12	503	0	4.8	10	H2O	Fresh water pre flush					
09:14	377	0	3.6	40	H2O	Seal bond spacer					
09:34	804	0	6	145	CMT	Batch up and pump 419 sks of PLC + 0.25% Cello Flake + 0.4% FL-52 + 6% Bentonite 12.5 ppg 1.94 yield 10.65 gps					
10:00	427	0	4.8	43	CMT	Batch up and pump 152 sks of (50:50) POZ + G + 0.4% FL-52 + 3% Bentonite + 0.1% SMS + 20% Silica Flour 13.5 ppg 1.71 yield 8.3 gps					
10:13	0	0	0	0	N/A	Drop plug					

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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 4470 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:19	1055	0	6	180	MUD	Displacement
10:51	1533	0	4.8	60	MUD	Displacement rate change
11:02	1332	0	2.4	17	MUD	Displacement rate change
11:08	1407	0	2.4	257	MUD	Bump plug
11:08	1784	0	0	0	N/A	Plug down @ 257 bbl's
11:11	0	0	0	0	N/A	Check floats bbl's back
11:15	1558	0	0	0	MUD	Casing Test
11:45	0	0	0	0	N/A	Bleed pressure off/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	1407	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	495	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	