

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				8.9	0	0	00:00	68		
Fresh Water				0				8.33	0	0	00:00	10		
SealBond Spacer				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				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"/> 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: 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	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	1375	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	25	511	300	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	