

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 16-APR-13		F.R. # 1001980751			SERV. SUPV. CALEB C KINGSLEY					
LEASE & WELL NAME NELSON 3-17-9-60 - API 05123368650000			LOCATION 17-9N-60W			COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme Coil #19			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		Centralizer, with Pins, 9-5/8 in			NONE		0	0	NONE		0	0	
		Float Collar, Auto Fill, 9-5/8 - 8rd			NONE		0	0	NONE		0	0	
		Guide Shoe, Texas-Notched 9-5/8 i			NONE		0	0	NONE		0	0	
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	
Fresh Water + 2 lbs Red Dye			0			0	8.34	0	0	00:00	15		
Type III Cement + adds			C04-065-13			147	14.5	1.40	6.81	03:26	36.70	23.83	
Premium Lite Cement + adds			C04-065-13			410	13	1.77	9.20	05:00	129.06	89.81	
Fresh Water			0			0	8.34	0	0	00:00	103		
Available Mix Water <u>200</u> Bbl.			Available Displ. Fluid <u>200</u> Bbl.			TOTAL			<u>283.76</u>	<u>113.63</u>			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12.25	0	1431	8.921	9.625	36	CSG	1380	1380	J-55	1380	1333	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.
15.	16	65		70	70	NO PACKER OR CEMENT R	0	0	0	9.625	8RND	WATER BASED	9.1
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		
103	BBLS	Fresh Water		8.34	369.6	0	0	0	0	3520	2816	RIG TANK	
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: 9.1 LBS/GAL				Mud Density Out: 9.1 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0			
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: .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 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"/> 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: 14				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:				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: 1500 PSI				With 9.1 LBS/GAL Mud				Time Held: 00 Hours 15 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	4002 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
01:30	0	0	0	0	NA	LEAVE THE DISTRICT	
03:30	0	0	0	0	NA	SHUT THE JOB DOWN BECAUSE OF BAD ROAD CONDITIONS. BOTH COMPANY MAN AND OPS SUPERVISOR AGREED.	
07:15	0	0	0	0	NA	CONTINUED ON TO LOCATION AFTER EVALUATING ROAD CONDITIONS.	
08:15	0	0	0	0	NA	ARRIVE TO LOCATION	
09:15	0	0	0	0	NA	SPOT TRUCKS	
10:45	0	0	0	0	NA	SAFETY MEETING	
11:37	4002	0	.4	1	H2O	PRESSURE TEST	
11:43	210	0	4.8	15	H2O	FRESH WATER SPACER	
11:49	0	0	0	0	NA	SHUT DOWN AND PREPARED FOR CMT	
11:51	198	0	4.8	130	CMT	BATCH AND PUMP LEAD CMT @ 13 PPG	
12:23	124	0	3.6	35	CMT	PUMP THE TAIL CMT @ 14.5 PPG	
12:34	0	0	0	0	NA	SHUT DOWN AND WASH UP PUMP	
12:37	0	0	0	0	NA	DROP THE PLUG	
12:44	84	0	4.8	50	H2O	DISPLACEMENT	
12:51	134	0	4.8	0	H2O	CAUGHT PRESSURE/CMT WITH 30 BBL OF DISPLACEMENT PUMPED	
12:55	217	0	4.8	0	H2O	CMT TO SURFACE WITH 48 BBL OF DISPLACEMENT PUMPED. 55 BBL OF CMT RETURNED TO SURFACE.	
12:56	164	0	3.6	30	H2O	DROP RATE	
13:04	299	0	2.4	23	H2O	DROP RATE	
13:14	543	0	2.4	103	H2O	FINAL LIFT	
13:14	1023	0	2.4	0	H2O	BUMP PLUG	
13:17	996	0	0	0	H2O	BLEED OFF PRESSURE AND CHECK FLOATS. THE FLOATS HELD	
13:21	1530	0	1	1	H2O	START 30 MIN. CASING TEST	
13:51	1502	0	0	0	H2O	BLEED OFF CASING TEST. FLOATS DID HOLD.	
14:18	73	0	1.2	5	CMT	TOP OUT CMT PUMPED @ 15.8 PPG	
14:27	85	0	1.5	5	CMT	TOP OUT #2 PUMPED AT 15.8 PPG	
14:40	0	0	0	0	NA	SHUT DOWN AND CLEAN UP.	
15:45	0	0	0	0	NA	LEAVE LOCATION	

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	543	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	55	293	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	