

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML			DATE 09-FEB-15		F.R. # 10011137924			SERV. SUPV. VITALIJS A NEVERDASOV						
LEASE & WELL NAME SHULL #5-25-9-60 - API 05123410380000			LOCATION 25-9N-60W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Xtreme Coil #19			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd			NONE		0	0	NONE		0	0		
		Float Collar, Al Flap, 7 - 8rd												
		Centralizer, with Pins, 7 in												
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		
SealBond +SB Plus				N/A		0	8.4	0	0	00:00	40			
Premium Lite Cmt + adds				C02-038-15		274	12.5	1.94	10.64	02:30	94.77	69.38		
50:50 (Poz:ClassG) + adds				C02-038-15		197	13.5	1.45	7.06	02:08	50.79	33.10		
Drilling Mud				N/A		0	9.6	0	0	00:00	250.38			
Available Mix Water 1000			Bbl.		Available Displ. Fluid 600			Bbl.		TOTAL		435.94	102.48	
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	15	6470	6.366	7	23	CSG	6451	6060	N-80	6451	6360	1		
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	1439	1439	NO PACKER		0	0	0	7	8RND	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			
250.4	BBLS	Drilling Mud		9.6	735	0	0	0	0	5072	3000	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 5 BPM						
Mud Density In: 9.6 LBS/GAL				Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In: 17		PV & YP Mud Out: 17				
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: 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 57				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input 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: 1569 PSI				With 8.4 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	4552 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:30	0	0	0	0	N/A	LEAVE DISTRICT	
08:15	0	0	0	0	N/A	ARRIVE ON LOCATION, 86 MILES/ RIG IS RUNNING CASING/ CUSTOMER REQUESTED CEMENT CREW @ 11:00 ON 2/9/15	
14:32	0	0	0	0	N/A	SPOT TRUCKS	
14:47	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
15:31	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
16:25	275	0	2	2	H2O	LOAD LINE	
16:27	4552	0	.8	.1	H2O	PRESSURE TEST	
16:30	187	0	3.6	40	H2O	SEAL BOND SPACER	
16:51	365	0	4.8	94	CMT	BATCHWEIGH/PUMP 274 SX OF LEAD CEMENT @ 12.5 PPG	
16:16	203	0	4.8	50	CMT	PUMP 197 SX OF TAIL CEMENT @ 13.5 PPG	
17:30	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
17:37	1737	0	1120	90	MUD	DISPLACEMENT	
17:51	910	0	6	110	MUD	SLOW RATE	
18:10	1021	0	4.8	30	MUD	SLOW RATE	
18:18	989	0	2.4	20	MUD	SLOW RATE	
18:27	1582	0	0	0	MUD	BUMP PLUG	
18:29	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
18:33	1569	0	1.4	1.5	H2O	CASING TEST	
18:49	0	0	0	0	N/A	BLEED OFF	
19:01	0	0	0	0	N/A	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	989	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	434	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	