

CEMENT JOB REPORT



Cement Plugs

CUSTOMER CARRIZO OIL & GAS INC XML		DATE 13-JUL-13	F.R. # 10011000531		SERV. SUPV. RYAN SULLIVAN								
LEASE & WELL NAME SHULL 4-25-9-60 - API 05123372430000		LOCATION 25-9N-60W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #19		TYPE OF JOB Plug Back									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD							
		No Shoe											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Type III Shallow Plug		C07-042-13		415	14.8	1.34	6.27	01:36	99	62.04			
Mud		N/A		0	8.6	0	0	00:00	10.4				
SealBond		N/A		0	8.5	0	0	00:00	25				
SealBond		N/A		0	8.5	0	0	00:00	4.6				
SealBond		N/A		0	8.5	0	0	00:00	25				
Type III Shallow Plug		C07-042-13		170	14.8	1.34	6.27	01:44	40.6	25.43			
SealBond		N/A		0	8.5	0	0	00:00	4.6				
Mud		N/A		0	8.6	0	0	00:00	9				
SealBond 50 (Set Below Bottom Plug)		N/A		0	8.5	0	0	00:00	0				
Available Mix Water 400 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		218.2		87.47					
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS							
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	0	4127	3.34	4	14	DP	2809	2809		0	0	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	
8.9	9.63	36	CSG	1405	1405	No packer		0	0	0	2	1502	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.		SQ. PSI	RATED	Operator	RATED	Operator	
10.4	BBLS	Mud		8.6	0	2000		0	3000	2000	0	0	
		Mud		8.6								Rig	
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 3				Circulation Rate: 4 BPM					
Mud Density In: 8.9 LBS/GAL				Mud Density Out: 8.9 LBS/GAL				PV & YP Mud In: 10				PV & YP Mud Out: 10	
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: 0 BBLS									
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visually									
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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				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 checked="" type="checkbox"/> NO MANIFOLD													
Plugs													
Number of Attempts by BJ: 2				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: 1960 FT				Bottom of Plug: 2809 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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None													

CEMENT JOB REPORT



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

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 3356 PSI		
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
22:30	0	0	0	0	N/A	Arrive on location, 86 miles, rig circulating		
22:35	0	0	0	0	N/A	Spot trucks on location		
23:00	0	0	0	0	N/A	Pre-rig up safety meeting		
01:00	0	0	0	0	N/A	Pre-job safety meeting & rig-up floor		
02:20	0	0	.8	2	WATER	Load lines		
02:23	1894	0	0	0	WATER	Low pressure test		
02:25	3264	0	0	0	WATER	High pressure test		
02:30	0	0	0	0	SEAL BON	Begin mixing seal bond		
02:42	197	0	9.6	25	SEAL BON	Pump seal bond spacer		
03:08	0	0	0	0	CEMENT	Begin mixing cement in batch mixer		
03:43	255	0	11.5	99	CEMENT	Mix, weigh, & pump 415 sx of Type III cement + 0.1% R-3 + 0.7% SMS + 0.1% CD-32 + 0.05% Static Free @ 14.8 ppg - Plug bottom @ 2809'		
03:54	126	0	9.3	4.6	SEAL BON	Seal bond spacer		
03:55	536	0	9.3	10	MUD	Displace mud		
03:57	0	0	0	0	N/A	Done, switch over to rig to pull drill pipe & circulate, cannot determine amount of cement to surface due to channeling		
06:40	0	0	0	0	N/A	Pre-job safety meeting		
07:02	0	0	.8	2	WATER	Load lines		
07:05	1949	0	0	0	WATER	Low pressure test		
07:07	3356	0	0	0	WATER	High pressure test		
07:10	184	0	7.2	25	SEAL BON	Seal bond spacer		
07:17	0	0	0	0	CEMENT	Begin mixing cement in batch mixer		
07:33	351	0	9.6	40	CEMENT	Mix, weigh, & pump 170 sx of Type III cement + 0.05% Static Free + 0.1% CD-32 + 0.7% SMS + 0.1% R-3 @ 14.8 ppg - Plug bottom @ 1915'		
07:38	60	0	8.4	4.6	SEAL BON	Seal bond spacer		
07:39	88	0	8.4	9	MUD	Displace mud		
07:41	0	0	0	0	N/A	Job done, switch to rig to pull drill pipe - Maybe 20 bbls cement to surface		
07:55	0	0	0	0	N/A	Pre-rig down safety meeting		
09:30	0	0	0	0	N/A	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:	
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	20	217.2	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		