

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 05-FEB-15		F.R. # 10011137445		SERV. SUPV. BRYAN J BARBARIGOS								
LEASE & WELL NAME SHULL #5-25-9-60 - API 05123410380000		LOCATION 25-9N-60W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG #		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	Float Shoe 9-5/8 - 8rd		NONE				NONE							
	Float Collar, Auto Fill, 9-5/8 - 8rd													
	Centralizer, with Pins, 9-5/8 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							
Fresh Water + 2 lbs Red Dye	N/A	0	8.34	0	0	00:00	15							
Type III Cmt + adds	C02-024-15	146	14.5	1.41	6.82	01:19	36.58 23.70							
Premium Lite Cmt + adds	C02-024-15	403	13	1.81	9.46	03:51	130.21 90.77							
Fresh Water	N/A	0	8.34	0	0	00:00	109.01							
Available Mix Water 400 Bbl.		Available Displ. Fluid 600 Bbl.		TOTAL		290.80 114.47								
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	100	1459	8.921	9.625	36	CSG	1438	1438	J-55	1438	1392.6	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.
15.	16	65	CSG	70	70	NO PACKER		0	0	0	9.625	8RND	FRESH WATER	3.5
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			
107.7	BBLS	Fresh Water		8.34	375	0	0	0	0	8552	2500	RIG TANKS		
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: 8.5 LBS/GAL Mud Density Out: 8.5 LBS/GAL						PV & YP Mud In: 0				PV & YP Mud Out: 0				
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						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 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"/> RECIPROCATION <input 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: 0						Wiper Balls Used: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Quantity: 0								
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 8.4 LBS/GAL Mud						Time Held: 00 Hours 15 Minutes								
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:														

CEMENT JOB REPORT



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 3500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
15:09	0	0	0	0	N/A	LEAVE YARD
17:00	0	0	0	0	N/A	ARRIVE ON LOCATION 87 MILES
19:45	0	0	0	0	N/A	SPOT TRUCKS
20:19	0	0	0	0	N/A	PRE-RIG UP MEETING
21:07	0	0	0	0	N/A	PRE-JOB MEETING
22:06	0	0	1	2	H2O	LOAD LINES
22:10	4000	0	.5	.5	H2O	PRESSURE TEST
22:18	76	0	2.5	15	H2O	FRESH WATER SPACER
22:38	76	0	4.2	120	CMT	LEAD 403SX @13.0 BATCH/WEIGH/PUMP
22:49	0	0	3.6	31	CMT	TAIL CEMENT
23:22	436	0	2.4	108	H2O	DISPLACEMENT
00:00	1326	0	0	0	H2O	BUMP PLUG/TEST FLOATS
00:07	1500	0	0	0	H2O	CASING TEST 15 MIN
00:22	0	0	0	0	N/A	JOB COMPLETE

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	1326	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	70	279	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	