

CEMENT JOB REPORT



CUSTOMER EXTRACTION OIL AND GAS			DATE 31-MAY-15		F.R. # 10011158068		SERV. SUPV. ERIC S DEWIT										
LEASE & WELL NAME WAAG #19 - API 05123403510000			LOCATION 19-7N-65W			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		Centralizer, with Pins, 9-5/8 in															
		Float Collar, Auto Fill, 9-5/8 - 8rd															
		Float Shoe 9-5/8 - 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			
Fresh Water + Dye				0				8.34		0		0		10			
Surface Cement				390				14.5		1.41		6.82		97.93		63.50	
Fresh Water				0				8.34		0		0		64.09			
Available Mix Water 100 Bbl.				Available Displ. Fluid 100 Bbl.				TOTAL				172.02		63.50			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE					
13.5	20	872	8.921	9.625	36	CSG	870	870	J-55	870	829						
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.				
						No Packer	0			9.625	8RND	FRESH WATER	8.34				
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							
64.1	BBLS	Fresh Water	8.34	266	0	0	0	0	2816	2000	Frac Tank						
Circulation Prior to Job																	
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 0			Circulation Rate: 0 BPM								
Mud Density In: 0 LBS/GAL Mud Density Out: 0 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: 5		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																	
PRESSURE/RATE DETAIL						EXPLANATION											

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 4064 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
23:19	0	0	0	0	N/A	Leave yard
00:26	0	0	0	0	N/A	Arrive on location
00:40	0	0	0	0	N/A	Spot trucks
00:47	0	0	0	0	N/A	Pre rig up safety meeting
01:35	0	0	0	0	N/A	Pre job safety meeting
01:44	31	0	1	2	H2O	Load pumps and lines
01:48	4064	0	0	0	H2O	Pressure test pumps and lines
01:51	148	0	4	10	H2O	Fresh water spacer + Dye
01:55	0	0	0	0	CMT	Batch, and weigh cement @14.5 ppg
02:00	207	0	4.2	94	CMT	Pump sacks of Type III Cement +0.08 lbs/sack Static Free + 1.5% Calcium Chloride + 0.15 lbs/sack Cello Flake @14.5 ppg
02:31	0	0	0	0	N/A	Wash up pump, and release plug
02:35	300	0	6.4	30	H2O	Start displacement
02:42	382	0	4	26	H2O	Drop rate
02:49	386	0	3.3	4	H2O	Drop rate
02:50	401	0	2	5	H2O	Drop rate
02:53	1121	0	0	0	H2O	Bump plug (15 bbls of cement to surface)
02:55	0	0	0	0	H2O	Check floats (floats held)
03:05	0	0	0	0	N/A	Pre rig down safety meeting
04:00	0	0	0	0	N/A	Leave loaction
05:00	0	0	0	0	N/A	Arrive back at the yard

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	401	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	15	171	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	