

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 16-AUG-14		F.R. # 10011091852			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME KAISER #B-10HC - API 05123396030000			LOCATION 10-6N-65W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # FRONTIER 8			TYPE OF JOB Intermediate								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
7" Top Cem Plug, Nitrile cvr, Phen		Centralizer, with Pins, 7 in												
		Float Collar, Auto Fill, 7 - 8rd												
		Float Shoe 7 - 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		
Mud Clean I						0	8.5	0	0		20			
Fresh Water						0	8.34	0	0		20			
Premium Lite HS Cement + Adds						430	12	2.41	13.56		184.86	138.81		
50:50 (POZ:Class G) + Adds						225	14.4	1.22	5.36		49.00	28.74		
Fresh Water						0	8.34	0	0		283.79			
Fresh Water							8.34				20			
Available Mix Water 500 Bbl.			Available Displ. Fluid 500 Bbl.			TOTAL					577.66	167.54		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	20	7465	6.276	7	26	CSG	7455	7455	P-110	7455	7408	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	700	700	No Packer		0	0	0	7	BUTT	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			
283.8	BBLS	Fresh Water		8.34	1619	0	0	0	0	7968	4000	Frac tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 4				Circulation Rate: 5 BPM						
Mud Density In: 10.1 LBS/G				Mud Density Out: 10.1 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 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: 59				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						

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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)
Rig had to circulate for longer than expected due to the yield point of drilling mud being to high.

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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4432 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
13:16	0	0	0	0	N/A	Leave yard	
14:22	0	0	0	0	N/A	Arrive on location (44 miles) Casing crew rigging down, rig circulating on well	
15:03	0	0	0	0	N/A	Spot trucks	
15:16	0	0	0	0	N/A	Pre rig up safety meeting	
16:30	0	0	0	0	N/A	Finish rigging up ground iron and water, waiting on rig to get mud right	
18:43	0	0	0	0	N/A	Pre job safety meeting	
18:57	24	0	1.2	1	H2O	Load pumps and lines	
19:01	4432	0	0	0	H2O	Pressure test pumps and lines	
19:06	688	0	7	20	H2O	Fresh water spacer	
19:10	700	0	7	20	H2O	Mud Clean I spacer	
19:13	467	0	5.1	20	H2O	Fresh water spacer with dye	
19:17	397	0	6.5	187	CMT	Batch, weigh, and pump lead slurry @12 ppg	
19:58	347	0	5	51	CMT	Batch, weigh, and pump Tail slurry @14.4 ppg	
20:12	0	0	0	0	N/A	Release the wiper plug	
20:14	1754	0	7.1	240	H2O	Displacement	
20:52	1801	0	5.1	30	H2O	Drop rate	
20:58	1687	0	3.5	3	H2O	Drop rate	
20:59	1394	0	0	0	H2O	Shut down for rig to divert any cement to surface	
21:03	1653	0	2	10	H2O	Finish displacement	
21:08	2193	0	0	0	H2O	Bump plug, Approx. 5 bbls of cement to surface	
21:16	0	0	0	0	N/A	Check floats (floats held)	
21:17	0	0	0	0	N/A	Pre rig down safety meeting	
22:25	0	0	0	0	N/A	Leave location	
23:25	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	1653	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	5	581	0	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

