

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION			DATE 25-JAN-14		F.R. # 10011042115		SERV. SUPV. VITALIJS A NEVERDASOV							
LEASE & WELL NAME HIRSCH #17-24 - API 05123379230000			LOCATION 24-7N-67W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Ensign 122			TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
Cement Plug, Rubber, Top 8-5/8 in		Float Shoe 8-5/8 - 8rd			NONE		0	0	NONE		0	0		
		Alum Baffle Plate, Slip On, 8-5/8												
		Centralizer, with Pins, 8-5/8 in												
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
Fresh Water				N/A				0	8.34	0	0	00:00	48.40	
Fresh Water + Dye				N/A				0	8.34	0	0	00:00	10	
TypeIII + Adds				N/A				310	14.5	1.41	6.82	02:30	77.8 50.28	
Available Mix Water		500 Bbl.		Available Displ. Fluid		300 Bbl.		TOTAL		136.20		50.28		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	25	847	8.097	8.625	24	CSG	836	836	J-55	836	793	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.	
						NO PACKER	0			8.625	8 RND	WATER BASED	8.4	
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			
48.4	BBLS	Fresh Water		8.34	254	0	0	0	0	2360	1000	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: 8.4 LBS/GAL				Mud Density Out: 8.4 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: 0 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: 6				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	2711 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		
01:41	0	0	0	0	N/A	LEAVE DISTRICT		
02:47	0	0	0	0	N/A	ARRIVE ON LOCATION, 51 MILES/ RIG GETTING STARTED TO RUN CASING		
05:11	0	0	0	0	N/A	SPOT TRUCKS		
05:18	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING		
05:46	0	0	0	0	N/A	PRE JOB SAFETY MEETING		
06:15	41	0	2	2	H2O	LOAD LINE		
06:19	2711	0	.4	.1	H2O	PRESSURE TEST		
06:22	172	0	4.8	20	H2O	FRESH WATER SPACER		
06:26	177	0	4.8	10	H2O	FRESH WATER + DYE SPACER		
06:32	178	0	4.2	75	H2O	BATCH/WEIGH/PUMP 310 SX OF CEMENT @ 14.5 PPG		
07:02	0	0	0	0	N/A	SHUT DOWN / DROP PLUG		
07:07	295	0	4.8	35	H2O	DISPLACEMENT		
07:17	267	0	2.4	10	H2O	SLOW RATE		
07:22	311	0	1.1	5	H2O	SLOW RATE		
07:27	482	0	0	50	N/A	BUMP PLUG		
07:31	232	0	0	0	N/A	BLEED OFF TO 250 PSI / SHUT IN		
07:37	0	0	0	0	N/A	SOLID CEMENT DID NOT CAME TO SURFACE. PER CUSTOMER REQUEST CALLED YARD FOR 100 SX TOP OUT CEMENT		
10:41	0	0	0	0	N/A	TRUCK WITH TOP OUT CEMENT ARRIVED ON LOCATION		
11:14	0	0	0	0	N/A	JSA		
11:33	45	0	.7	2	H2O	PUMP WATER AHEAD		
11:48	98	0	.7	12	CMT	BATCH/PUMP TOP OUT CEMENT @ 14 PPG		
12:07	0	0	0	0	N/A	SHUT DOWN		
12:23	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	311	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	167	232	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



