

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 15-OCT-15		F.R. # 1001180062			SERV. SUPV. VITALIJS A NEVERDASOV'S						
LEASE & WELL NAME CARLSON #K-15-16HC - API 05123417120000			LOCATION 15-5N-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	
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd			NONE			0	0	NONE		0	0	
		Float Collar, AI Flap, 7 - 8rd												
		Centralizer, with Pins, 7 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				N/A				0	8.34	0	0	00:00	20	
MUD CLEAN I				N/A				0	8.5	0	0	00:00	20	
FRESH WATER				N/A				0	8.34	0	0	00:00	20	
(20:80) Poz:Type III Cement + Add's				C10-021-15				504	12.5	2.21	12.05	03:23	198.4	144.69
50:50 Class G/Poz + Add's				C10-021-15				230	14.4	1.22	5.36	03:11	49.97	29.30
Fresh Water				N/A				0	8.34	0	0	00:00	285.86	
Available Mix Water 1000 Bbl.				Available Displ. Fluid 600 Bbl.				TOTAL			594.23	173.99		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
8.75	25	7531	6.276	7	29	CSG	7521	6961	P-110	7521	7475	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	848	848	NO PACKER		0	0	0	7	BUTT	WATER BASED	9.9
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			
272	BBLS	Fresh Water		8.34	1624	0	0	0	0	8976	3000	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 6 BPM						
Mud Density In: 9.9 LBS/GAL				Mud Density Out: 9.9 LBS/GAL				PV & YP Mud In: 12		PV & YP Mud Out: 12				
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: 2 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 74				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)
 BEFORE JOB, BAKER HUGHES PERSONEL STARTED TO FLUFF BULK TRUCKS. ONE OF THE BULK TRUCKS PRODUCT HOSES WAS NOT CONNECTED AND PLUG CAP WAS OFF. DISCHARGE VALVE HAPPENED TO BE OPEN ON THE BULK TRUCK WHILE IT BEEN FLUFFED. FIRST ESTIMATED SPILL WAS 30 SX, THEN AFTER TAIL SLURRY WAS PUMPED THE SHORTAGE WAS 2 BBLs (9 SX) AFRER SPILL HAPPENED I REPORTED TO CUSTOMER IMMIDIATLY. PER CUSTOMER APPROVAL PUMP CEMENT JOB.

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	4125 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
01:45	0	0	0	0	N/A	YARD CALL	
03:28	0	0	0	0	N/A	LEAVE DISTRICT	
04:15	0	0	0	0	N/A	ARRIVE ON LOCATION, 36 MILES/ CASING CREW IS RIGGING DOWN	
04:26	0	0	0	0	N/A	SPOT TRUCKS	
04:33	0	0	0	0	N/A	RIG UP SAFETY MEETING	
05:09	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
05:32	0	0	0	0	N/A	BEFORE JOB, BAKER HUGHES PERSONEL STARTED TO FLUFF BULK TRUCKS. ONE OF THE BULK TRUCKS PRODUCT HOSES WAS NOT CONNECTED AND PLUG CAP WAS OFF. DISCHARGE VALVE HAPPENED TO BE OPEN ON THE BULK TRUCK WHILE IT BEEN FLUFFED. FIRST ESTIMATED SPILL WAS 30 SX, THEN AFTER TAIL SLURRY WAS PUMPED THE SHORTAGE WA	
05:47	197	0	2	2	H2O	LOAD LINE	
05:54	4125	0	.8	.1	H2O	PRESSURE TEST	
05:57	351	0	5.3	20	H2O	FRESH WATER	
06:02	379	0	5.3	20	H2O	MUD CLEAN SPACER	
06:07	361	0	5.3	20	H2O	FRESH WATER SPACER	
06:14	212	0	4.8	205	CMT	BATCH/ WEIGH/PUMP 504 SX OF LEAD CEMENT @ 12.5 PPG	
07:17	79	0	3.2	48	CMT	WEIGH/PUMP 221 SX OF TAIL @ 14.4 PPG	
07:34	0	0	0	0	N/A	SHUT DOWN/ DROP PLUG	
07:40	1993	0	6	240	H2O	DISPLACEMENT	
08:21	2021	0	4.8	20	H2O	SLOW RATE	
08:27	1989	0	2.4	12	H2O	SLOW RATE	
08:32	2436	0	0	272	H2O	BUMP PLUG	
08:35	0	0	0	0	N/A	CHECK FLOATS/ FLOATS HELD	
08:39	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
09:12	0	0	0	0	N/A	CLEAN UP 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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1989	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	22	585	0	Y <input checked="" type="checkbox"/> N	

