

CEMENT JOB REPORT



CUSTOMER CHEVRON CORPORATION			DATE 10-JAN-15		F.R. # 10011131451		SERV. SUPV. Rex A Edwards							
LEASE & WELL NAME COLTHARP #9X - API 05103085350000			LOCATION 35-2N-102W			COUNTY-PARISH-BLOCK Rio Blanco Colorado								
DISTRICT Vernal			DRILLING CONTRACTOR RIG #			TYPE OF JOB Squeeze-Hole								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ			LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water						8.34				10				
Class G Cement					150	15.8	1.16	4.96		31	17.76			
Fresh Water						8.34				20				
Available Mix Water <u>70</u> Bbl.			Available Displ. Fluid <u>50</u> Bbl.			TOTAL				<u>61</u>	<u>17.76</u>			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
			6.366	7	23	CSG	10000	10000	K-55					
			2.441	2.875	6.5	TBG	3920	3920	J-55					
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.
			CEMENT RETAINER					3920			2.875	EUE	BRINE	10
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				
20	BBLS	Fresh Water	8.34	0	250	800	7260	3500	4360	3500	WATER TRUCK			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time:			Circulation Rate: BPM								
Mud Density In: 10 LBS/GAL			Mud Density Out: 10 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: E.O.											
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"/> RECIPROICATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID								
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ:			Competition:			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: FT			Bottom of Plug: 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 checked="" 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: 500			Fluid Weight: 15.8 LBS/GAL					
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: PSI			With LBS/GAL Mud			Time Held: Hours Minutes								
Shoe Test (Update Original Treatment Report for Primary Job)														
Depth Drilled out of Shoe: FT			Target EMW: LBS/GAL			Actual EMW: LBS/GAL								
Number of Times Tests Conducted:			Mud Weight When Test was Conducted: LBS/GAL											

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Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: N/A

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	3200 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
09:00						OFF VERNAL YARD AM 1-10-15	
10:30						ON LOCATION	
10:45						SIGN IN, HAZARD SAFETY WALK	
11:00						SPOT EQUIPMENT	
11:30						RIG UP SAFETY MEETING	
11:45						START RIG UP	
01:00						END RIG UP PM	
						QC TEST	
						MIX WATER TEMP= 60 DEGREE	
						PH = 7	
						CHLORIDES = 20	
						SULFATES = 250	
01:15	0	0	0	0		JOB SAFETY MEETING	
01:44	3200	300	0	0	H2O	PRESSURE TEST	
01:47	600	300	1.1	0	H2O	START H2O SPACER	
01:55	700	300	0	10	H2O	SHUT DOWN BATCH TUB CMT	
02:01	600	300	1.2	0	CMT	START CMT SLURRY	
02:10	588	300	1.5	10	CMT	INCREASE RATE	
02:15	614	300	2	8	CMT	INCREASE RATE	
02:21	500	300	2	13	H2O	END CMT SLURRY, START DISPL.	
02:24	27	300	1.3	5	H2O	SLOW RATE	
02:27	0	300	.8	4	H2O	KICK SLURRY PUMP OFF	
02:36	0	300	.4	6	H2O	15 BBLS AWAY ON DISPL.	
02:45	0	300	.2	3	H2O	SHUT DOWN, 18 BBLS AWAY, SHUT IN WELL, WASH PUMP TO WASH TANK	
03:04	0	300	.8	0	H2O	START PUMPING DOWN HOLE	
03:05	0	300	0	1		SHUT DOWN, STAGE CMT 30 MIN 5.1 BBLS CMT STILL IN TUBING 880' OF CMT	
03:38	0	300	.5	0	H2O	START PUMPING	
03:39	0	300	0	.5		SHUT DOWN STAGE	
03:49	0	300	.6	0	H2O	START PUMPING	
03:50	500	300	0	.5		SHUT DOWN, UNSTING FROM RETAINER.	
03:54	0	400	3	0	BRINE	RIG PUMP START REVERSE OUT	
04:07	0	0	0	40		SHUT DOWN 4.5 BBLS CMT TO SURF.	
						23 BBLS INTO FORMATION	
						THANKS! REX & CREW	

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:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	4.5	61	500	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Prex Edwards</i>



Baker Hughes JobMaster Program Version 4.02
Job Number: 10011131451
Customer: CHEVRON USA
Well Name: COLTHARP #9X

