

CEMENT JOB REPORT



CUSTOMER GREAT WESTERN OIL & GAS		DATE 18-JAN-12	F.R. # 1001881887		SERV. SUPV. LANCE N WEBB	
LEASE & WELL NAME BINDER #2-4-20 - API 05123329680000		LOCATION 20-4N-67W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 22		TYPE OF JOB Long String		
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD TVD
Cement Plug, Rubber, Top 4-1/2 in	Centralizer, with Pins, 4-1/2 in					
	Float Collar, Auto Fill, 4-1/2 - 8rd					
	Guide Shoe, Texas-Notched 4-1/2 in					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES		
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³
ClayCare Water	0	0	8.34	0	0	00:00
50:50 Poz+.3%CD32+.4%FL52+.1%SMS+20%SF	0	280	14.6	1.38	5.90	02:30
ClayCare Water	0	0	8.34	0	0	00:00
Mud Clean II	0	0	8.5	0	0	00:00
ClayCare Water	0	0	8.34	0	0	00:00
PL+.6%SMS+8#/skCSE2	0	300	11	3.22	19.86	03:30
Available Mix Water 250 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL		417.88 181.42
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID OD	WGT.	TYPE	MD TVD GRADE
7.875	0	7535	4 4.5	11.6	CSG	7501 7501 N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID OD WGT	TYPE	MD TVD	BRAND & TYPE	DEPTH	TOP BTM	SIZE THREAD
8.1 8.63 24	CSG	530 530	NO PACKER	0	0 0	4.5 8RD
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
116.9	BBLS	ClayCare Water	8.34	1200	0	0
				MAX TBG PSI	MAX CSG PSI	MIX WATER
				0	6224	4000 RIG
Circulation Prior to Job						
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 2		Circulation Rate: 6 BPM	
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL			PV & YP Mud In: 48		PV & YP Mud Out: 48	
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 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 checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE						
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 32		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"/>	
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)
 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

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 5000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:00	0	0	0	0	NA	ARRIVE ON LOCATION RTS 600 RIG RIGGING DOWN CSG CREW	
06:15	0	0	0	0	NA	SPOT TRUCKS	
07:00	0	0	0	0	NA	SAFETY MEETING	
07:28	2190	0	0	0	H2O	LOW PSI TEST	
07:30	5008	0	0	0	H2O	HIGH PSI TEST	
07:32	430	0	7	20	H2O	H2O SPACER	
07:36	615	0	7	20	H2O	MUD CLEAN2	
07:41	620	0	7	20	H2O	H2O SPACER	
07:45	128	0	7	172	CMT	BATCH/WEIGH/PUMP LEAD CMT @11PPG	
08:11	178	0	5	69	CMT	WEIGH/PUMP TAIL CMT @14.6PPG	
08:26	0	0	0	0	H2O	SHUT DOWN DROP PLUG	
08:33	128	0	7	0	H2O	DISPLACEMENT	
08:49	350	0	5	60	H2O	CAUGHT CMT	
08:50	352	0	2.5	65	H2O	SLOWED RATE RIG RAN OUT OF WATER IN THEIR RIG TANK	
09:15	2490	0	0	116	H2O	BUMPED PLUG FLOAT HELD FINAL LIFT 1218	
10:00	0	0	0	0	NA	LEAVE LOCATION	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1200	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 417	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: