

# CEMENT JOB REPORT



CUSTOMER EOG Resources Inc.		DATE 08-MAY-11		F.R. # 1001800637		SERV. SUPV. AARON M MCWILLIAMS					
LEASE & WELL NAME WINDMILL #4-22H - API 05123330010000		LOCATION 22-5N-62W		COUNTY-PARISH-BLOCK Weld Colorado							
DISTRICT Brighton		DRILLING CONTRACTOR RIG # True #30		TYPE OF JOB Intermediate							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
Cement Plug, Rubber, Top 7 in		Float Collar, Auto Fill, 7 - 8rd Float Shoe 7 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ				✓	✓	✓	✓	✓	✓	✓	
Premium Lite Cement + additives				585	12.5	1.89	10.37	00:02	196.90	144.48	
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8				145	13.5	1.71	8.30	04:59	44.23	28.66	
10 bbls fresh water then used water				0	8.34	0	0	00:00	260.22	✓	
Mud Clean I + Alpha-125				0	8.34	0	0	00:00	20	✓	
Claytreat Water + Alpha-125				0	8.34	0	0	00:00	20	✓	
Claytreat Water + Alpha-125				0	8.34	0	0	00:00	20	✓	
Available Mix Water 400 Bbl.		Available Displ. Fluid 180 Bbl.		TOTAL				561.36		173.14	
HOLE			TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
8.75	0	6657	7	23	CSG	6656	N-80	6656	6610	0	
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	WGT.
9.625	36	CSG	837	No Packer		0	0	0	7	8RD	9.8
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	WATER
261.5	BBLS	10 bbls fresh water ft	8.34	1040	0	0	0	0	5072	3000	Rig Tank
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 6 BPM		
Mud Density In: 9.8 LBS/GAL Mud Density Out: 9.8 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0		
Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> Units: 0						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: Visually					
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"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE											
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity: <input type="checkbox"/>		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 checked="" 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) N/A		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) Did not bump plug pumped 261.5 shut down. Checked float.		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) 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 4730 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
04:55	0	0	0	0	N/A	Arrive on location			
12:25	0	0	0	0	N/A	Rig up safety meeting			
13:35	0	0	0	0	N/A	Pre job safety meeting			
13:58	4730	0	0	0	H2O	Pressure test pumps and lines			
14:02	229	0	5.6	20	CT-3C	Clay treat preflush + alpha			
14:06	245	0	5.6	20	MUDCLEA	Mud clean I + alpha			
14:10	267	0	5.6	20	CT-3C	Clay treat spacer +alpha			
14:15	473	0	5.9	195	CMT	Batch up and pump 585sks of PLC + 0.4% FL-52 + 3% Bentonite + 0.25 pps Cello 12.5 ppg 1.89 yield 10.37 pgs			
14:49	178	0	5.9	45	CMT	Batch up and pump 145sks of (50:50) Poz:G + 0.4% FL-52 + 3% Bentonite + 0.1% 13.5 ppg 1.71 yield 8.30 gps			
15:10	0	0	0	0	N/A	Drop plug			
15:14	1087	0	4.8	250	MUD	Displacement			
16:10	1076	0	2.8	11.5	MUD	Rate change			
16:38	888	0	0	0	MUD	Plug down @ 261.5 bbl's			
16:40	0	0	0	0	N/A	Rig down safety meeting			
BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 1040	TEST FLOAT EQUIP. <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 11.5	TOTAL BBL. PUMPED 561.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:		

*[Handwritten Signature]*

*[Handwritten Signature]*





BJ Services JobMaster Program Version 3.50

Job Number: 1001800637

Customer: EOG

Well Name: Windmill #4-22H

