

CEMENT JOB REPORT



CUSTOMER ENCANA OIL & GAS (USA) INC		DATE 21-MAY-13	F.R. # 1001989022	SERV. SUPV. CALEB C KINGSLEY	
LEASE & WELL NAME ARISTOCRAT ANGUS #0-8-3 - API 0512334347000		LOCATION 3-3N-65W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 122		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES
Latch Down Plug & Assembly, 4-1/2	Cement Basket, Slip On, 4-1/2 in	NONE	0	0	NONE
	Centralizer, with Pins, 4-1/2 in	NONE	0	0	NONE
	Float Collar, AI Flap, 4-1/2 - 8rd	NONE	0	0	NONE
	Guide Shoe, Cement Nose, 4-1/2 i				
PHYSICAL SLURRY PROPERTIES					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
50:50:3+.6%FL52+.1%SMS+20%SF	C05-096-13	230	13.5	1.71	8.30
ClayCare Water	0	0	8.4	0	00:00
PLC+.2%CD32+.7%FL52+6%Gel+.2%ASA301+3#/skt	C05-096-13	375	12.5	2.00	10.90
Mud Clean I	0	0	8.34	0	00:00
Freshwater	0	0	8.34	0	00:00
Surfactant Wash	0	0	8.34	0	00:00
Available Mix Water	175 Bbl.	Available Displ. Fluid	175 Bbl.	TOTAL	
				394.64	142.53
HOLE					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
7.875	0	7860	4	4.5	11.6
TBG-CSG-D.P.					
TYPE	MD	TVD	GRADE	SHOE	FLOAT
CSG	7834	7743	N-80	7849	7825
COLLAR DEPTHS					
STAGE					
0					
LAST CASING					
ID	OD	WGT	TYPE	MD	TVD
8.1	8.63	24	CSG	760	760
PKR-CMT RET-BR PL-LINER					
BRAND & TYPE					
NO PACKER OR CEMENT R					
PERF. DEPTH					
TOP					
0					
BTM					
0					
TOP CONN					
SIZE					
4.5					
THREAD					
8RND					
WELL FLUID					
TYPE					
WATER BASED					
WGT.					
9.7					
DISPL. VOLUME					
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
121.1	BBLS	ClayCare Water	8.4	1336	0
OP. MAX					
SQ. PSI					
0					
MAX TBG PSI					
RATED					
0					
Operator					
0					
MAX CSG PSI					
RATED					
7780					
Operator					
6224					
MIX WATER					
RIG TANK					
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.7 LBS/GAL			Mud Density Out: 9.7 LBS/GAL		
PV & YP Mud In: 13			PV & YP Mud Out: 13		
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: 1.3 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 checked="" 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:		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					

CEMENT JOB REPORT



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

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

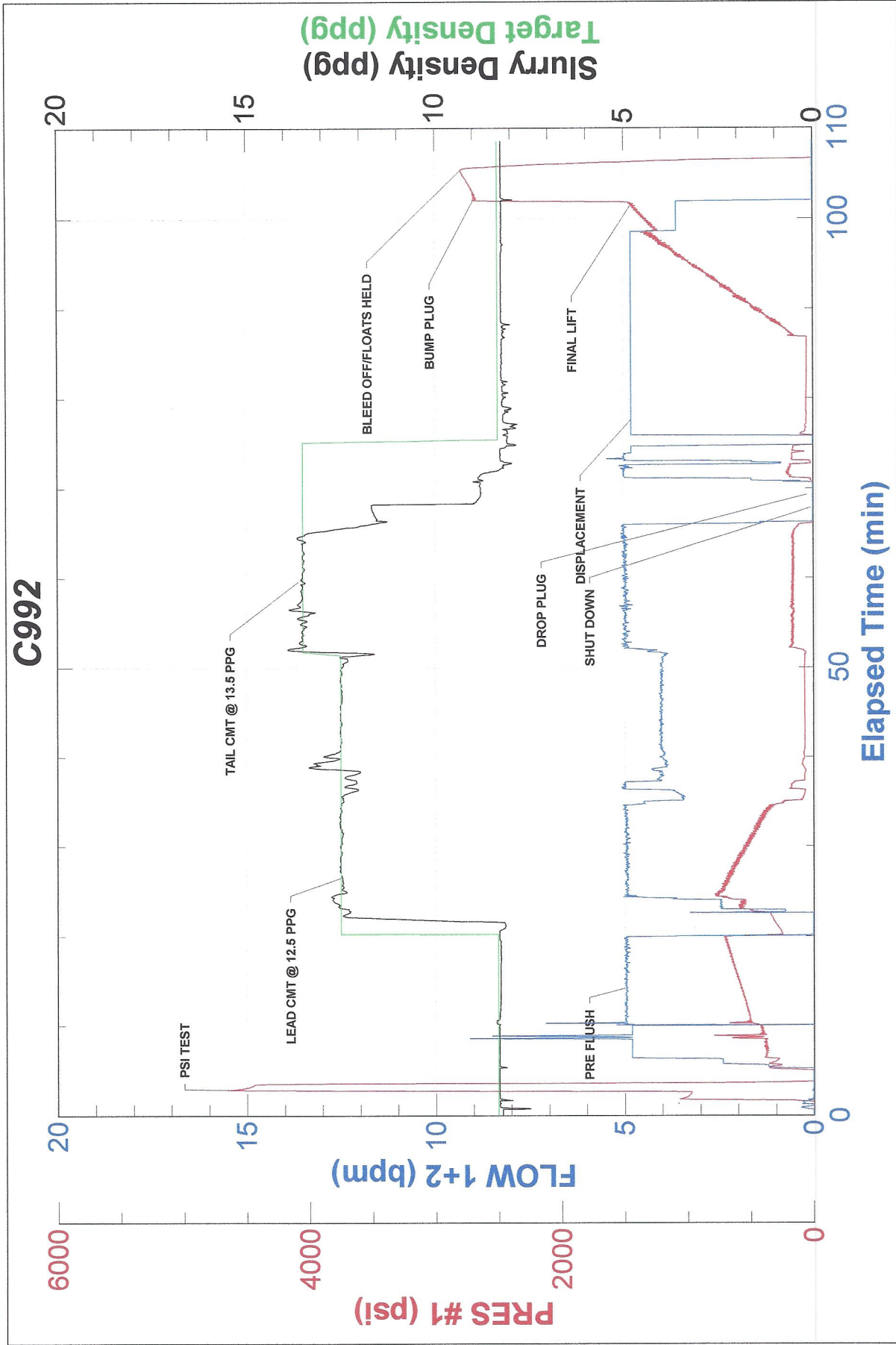
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>			
	PIPE	ANNULUS				TEST LINES 4666 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
22:53	0	0	0	0	NA	LEAVE THE DISTRICT			
23:37	0	0	0	0	NA	ARRIVE TO LOCATION			
00:01	0	0	0	0	NA	SPOT TRUCKS			
02:00	0	0	0	0	NA	SAFETY MEETING			
02:30	4666	0	.4	.5	H2O	PRESSURE TEST			
02:35	389	0	4.8	20	H2O	MUD CLEAN 1 SPACER			
02:40	498	0	4.8	20	H2O	SURFACTANT WASH SPACER			
02:44	581	0	4.8	30	H2O	FRESH WATER SPACER			
02:50	0	0	0	0	NA	SHUT DOWN AND PREPARE FOR CMT			
02:53	765	0	4.8	128	CMT	LEAD CMT BATCHED AND PUMPED @ 12.5 PPG			
03:20	157	0	4.8	67	CMT	TAIL CMT PUMPED @ 13.5 PPG			
03:36	0	0	0	0	NA	SHUT DOWN AND WASH UP THE PUMP AND LINES			
03:41	0	0	0	0	NA	DROP PLUG			
03:45	49	0	4.8	110	H2O	DISPLACEMENT WITH CLAY CARE			
03:57	292	0	4.8	0	H2O	CAUGHT CMT AND PRESSURE WITH 62 BBL OF DISPLACEMENT PUMPED			
04:08	1221	0	3.6	11	H2O	DROP RATE			
04:12	1439	0	3.6	121	H2O	FINAL LIFT			
04:12	2655	0	3.6	0	H2O	BUMP PLUG			
04:15	2783	0	0	0	H2O	BLEED OFF PSI/ FLOATS DID HOLD			
04:17	0	0	0	0	NA	SHUT DOWN AND RIG DOWN			
05:00	0	0	0	0	NA	LEAVE 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	1439	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	386	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>C. Umrigar</i>

X. Cantelero



Baker Hughes JobMaster Program Version 3.60
Job Number: 1001989022
Customer: ENCANA
Well Name: ARISTOCRAT ANGUS 0-8-3





FIELD RECEIPT NO. 1001989022

CUSTOMER ENCANA OIL & GAS (USA) INC - XML				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040055117 - 0040056573		INVOICE NUMBER	
MAIL INVOICE TO 370 17TH ST, STE 1700 US BANK TOWER				CITY DENVER		STATE Colorado		ZIP CODE 80202			
DATE WORK COMPLETED		MO. 05	DAY 21	YEAR 2013	BHI REPRESENTATIVE CALEB C KINGSLEY		WELL API NO: 05123343470000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH(ft) 7,849		WELL CLASS : Gas				
WELL NAME AND NUMBER ARISTOCRAT ANGUS #0-8-3					TD WELL DEPTH(ft) 7,860		GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 3-3N-65W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Long String		
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	115	27.000	3,105.00	65%	1,086.75	
100120	Bentonite				lbs	2538	0.470	1,192.86	65%	417.50	
100121	Silica Flour				lbs	3864	0.500	1,932.00	65%	676.20	
100275	Sodium Metasilicate				lbs	20	3.670	73.40	65%	25.69	
100317	Poz (Fly Ash)				sacks	115	12.000	1,380.00	65%	483.00	
398110	Mud Clean I				gals	840	1.510	1,268.40	65%	443.94	
398224	Premium Lite Cement				sacks	375	21.850	8,193.75	65%	2,867.81	
488013	CD-32				lbs	66	11.900	785.40	65%	274.89	
488015	FL-52				lbs	345	24.100	8,314.50	65%	2,910.08	
488019	FP-6L				gals	6	93.500	561.00	65%	196.35	
488353	CSE-2				lbs	1125	1.510	1,698.75	65%	594.56	
499705	ASA-301				lbs	66	18.150	1,197.90	65%	419.27	
SUB-TOTAL FOR Product Material								29,702.96	65.00%	10,396.04	
ARRIVE LOCATION :					MO. 05	DAY 21	YEAR 2013	TIME 23:39	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.		
CUSTOMER REP. ROY HUNT									CUSTOMER AUTHORIZED AGENT		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									BHI APPROVED 		



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
A152 M100	Personnel Surcharge - Cement Svc Bulk Materials Blending Charge				ea cu ft	1 761	152.000 3.930	152.00 2,990.73 3,142.73	0% 65% 61.86%	152.00 1,046.76 1,198.76	
SUB-TOTAL FOR Service Charges											
F017A	Cement Pumping, 7001 - 8000 ft				6hrs	1	8,550.000	8,550.00	65%	2,992.50	
F090	Fuel per pump charge - cement				pump/hr	4	57.500	230.00	0%	230.00	
J050	Cement Head				job	1	595.000	595.00	65%	208.25	
J225	Data Acquisition, Cement, Standard				job	1	1,540.000	1,540.00	65%	539.00	
J390	Mileage, Heavy Vehicle				miles	58	8.550	495.90	65%	173.57	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	58	4.830	280.14	65%	98.05	
SUB-TOTAL FOR Equipment											
J401	Bulk Delivery, Dry Products				ton-mi	873	2.850	2,488.05	65%	870.82	
SUB-TOTAL FOR Freight/Delivery Charges											
FIELD ESTIMATE											
SUB-TOTAL											
47,024.78 64.47% 16,706.99											
ARRIVE LOCATION: MO. 05 DAY 21 YEAR 2013 TIME 23:39					SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.						
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