CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER BAYSWATER EXPLORATION &	**DATE** 14-JUL-15	**F.R. #** 10011164959		**SERV. SUPV.** STEPHEN J CARDOS

LEASE & WELL NAME
CARLSON #C-15-16HN - API 05123417110000

LOCATION
15-5N-65W

COUNTY-PARISH-BLOCK
Weld Colorado

DISTRICT
Brighton

DRILLING CONTRACTOR RIG #
FRONTIER 8

TYPE OF JOB
Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Float Collar, Auto Fill, 9-5/8 - 8rd	N/A	0	0	N/A	0	0
	Float Shoe 9-5/8 - 8rd						

PHYSICAL SLURRY PROPERTIES

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	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	
Type III Cement + Adds		275	14.5	1.40	6.80		61.16	39.65
Fresh Water	N/A	0	8.34	0	0	00:00	58.76	

Available Mix Water **400** Bbl.   Available Displ. Fluid **400** Bbl.   **TOTAL** 139.92 | 39.65

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	30	850	8.921	9.625	36	CSG	842	842	J-55	842	799	0

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.
						NO PACKER	0			9.625	8RND	WATER BASED	8.9

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	
61	BBLS	Fresh Water	8.34	234	0	0	0	0	3520	3000	RIG TANK

Circulation Prior to Job

Circulated Well: Rig [X]   BJ [ ]   Circulation Time: 1   Circulation Rate: 6 BPM

Mud Density In: 8.9 LBS/GAL   Mud Density Out: 8.9 LBS/GAL   PV & YP Mud In: 0   PV & YP Mud Out: 0

Gas Present: NO [X] YES [ ]   Units: Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X]   Amount Bled Back After Job: 1 BBLS

Returns During Job: [ ] NONE [X] PARTIAL FULL   Method Used to Verify Returns: VISUAL

Cement Returns at Surface: [X] YES [ ] NO   Were Returns Planned at Surface: [ ] NO [X] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [ ] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES   Quantity: 0   Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0   Competition: 0   Wiper Balls Used: [X] NO [ ] YES Quantity:

Plug Catcher Used: [X] NO [ ] YES   Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES   Top of Plug: 0 FT   Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ] SHOE SQUEEZE [ ] TOP OF LINER SQUEEZE [ ] PLANNED [ ] UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES   Bond Log: [X] NO [ ] 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

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

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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 [X] CO. REP. [X]
	PIPE	ANNULUS				TEST LINES 3922 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
05:00	0	0	0	0	N/A	LEAVE YARD
06:00	0	0	0	0	N/A	ARRIVE ON LOCATION
06:10	0	0	0	0	N/A	SPOT TRUCKS
06:15	0	0	0	0	N/A	PRE RIG UP SAFETY MEEETING
06:20	0	0	0	0	N/A	RIG UP
07:08	0	0	0	0	N/A	SAFETY MEETING
07:19	3922	0	0	0	H2O	PRESSURE TEST
07:26	102	0	4.1	10	H2O	FRESH WATER SPACER
07:28	111	0	4.1	10	H2O	DYED WATER SPACER
07:31	355	0	5	66	H2O	BATCH/WEIGH/PUMP 14.5 LB CEMENT
07:56	0	0	0	0	H2O	DOWN/PLUG
07:58	196	0	6	30	H2O	DISPLACEMENT
08:05	253	0	3.6	50	H2O	DROP RATE
08:09	315	0	1.3	62	H2O	DROP RATE
08:19	681	0	0	0	H2O	BUMP PLUG
08:20	0	0	0	0	H2O	TEST FLOATS
08:25	0	0	0	0	H2O	BLEED OFF PRESSURE /JOB DONE

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] N	681	[Y] N	14	148	0	Y [N]	

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