CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER MARATHON OIL - XML	DATE 06-FEB-12	F.R. # 1001886433	SERV. SUPV. RYAN R STEVENS
LEASE & WELL NAME OWL CREEK 8-64-6 #1A - API 05123337960000	LOCATION 6-8N-64W		COUNTY-PARISH-BLOCK Weld Colorado
DISTRICT Brighton	DRILLING CONTRACTOR RIG # H&P 321		TYPE OF JOB Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 4-1/2 in	Float Collar, Al Flap, 4-1/2 - 8rd	—	—	—	Baker huges line	7830	7378
—	Float Shoe 4-1/2 - 8rd	—	—	—	—	—	-

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
Premium Lite High Strength D+ adds	—	277	13	1.82	9.20	04:34	89.93	60.64
Fresh Water + Magnacide then 9.8lb drilling mud	—	0	8.34	0	0	00:00	153.15	—
Ultra Flush II + Magnacide	—	0	11	0	0	00:00	40	—
Fresh Water + Inflo-250W + Magnacide	—	0	8.34	0	0	00:00	10	—
Fresh Water + Inflo-250W + Magnacide	—	0	8.34	0	0	00:00	10	—
						TOTAL	303.08	60.64

Available Mix Water 500 Bbl. Available Displ. Fluid 200 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
6	15	12808	4	4.5	11.6	CSG	12805	7378	L-80	12805	12759	0

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
6.1	7	32	CSG	7988	7378	Baker ughes liner hanger	12805	0	0	2	1502	WATER BASED	8.6

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
153.2	BBLS	Fresh Water + Magna	8.34	371	0	0	0	0	6224	4000	Rig Tank

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ]
Circulation Time: 1
Circulation Rate: 5 BPM
Mud Density In: 8.6 LBS/GAL Mud Density Out: 8.6 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 [ ]
Amount Bled Back After Job: 1 BBLS
Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL
Method Used to Verify Returns: Visual
Cement Returns at Surface: [ ] YES [X] NO
Were Returns Planned at Surface: [X] NO [ ] YES
Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE
Centralizers: [ ] NO [X] YES Quantity: 12 Type: [ ] BOW [ ] RIGID
Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [ ] 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

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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)

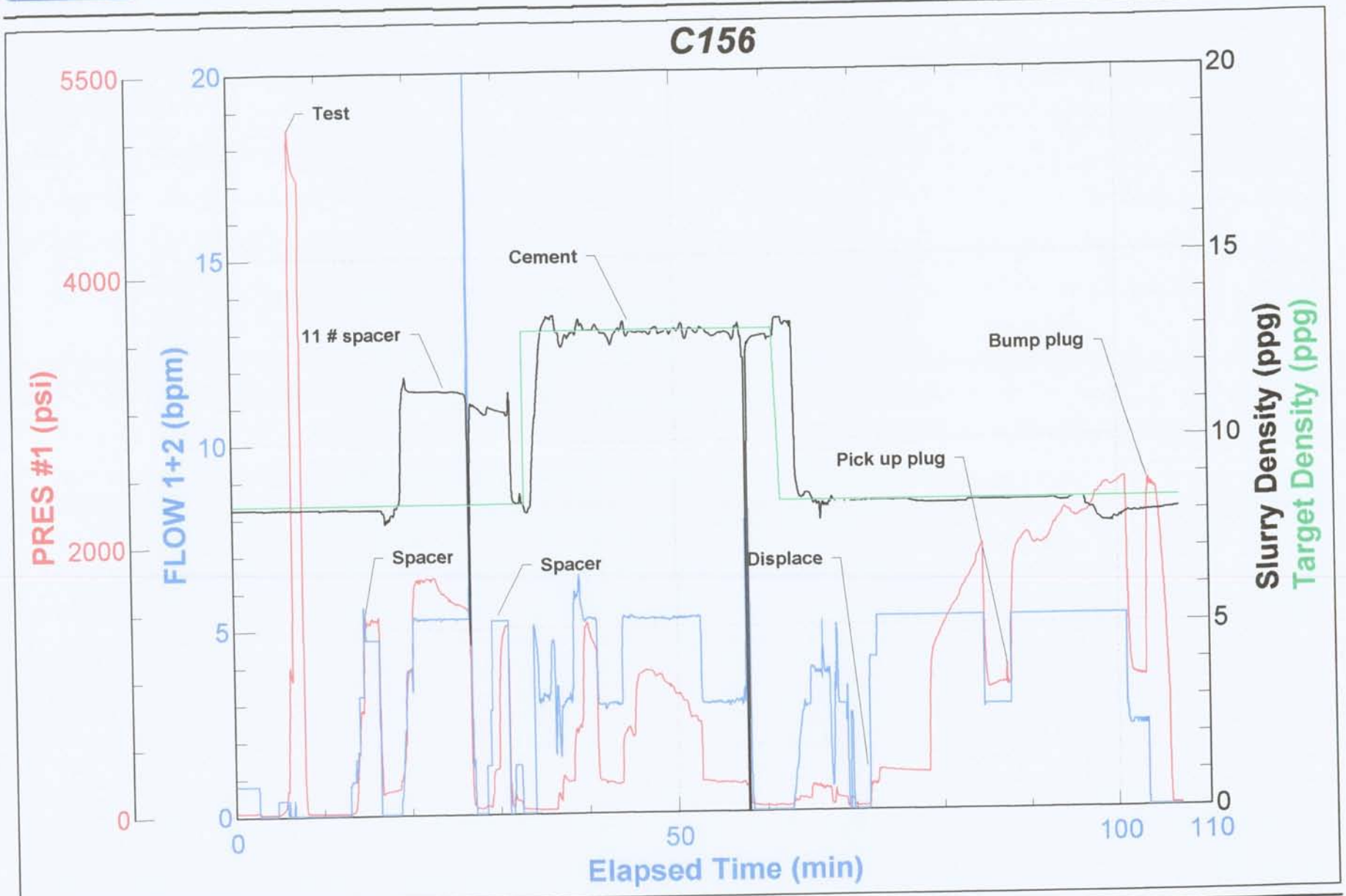
None

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW [X] CO. REP. [X] TEST LINES 5110 PSI CIRCULATING WELL - RIG [X] BJ [ ]
12:15	0	0	0	0	N/A	Yard call
04:30	0	0	0	0	N/A	Time arrived on location (60 Miles)
15:00	0	0	0	0	N/A	Spot trucks
15:30	0	0	0	0	N/A	Pre rig up safety meeting
17:44	0	0	0	0	N/A	Pre job safety meeting
20:55	5110	0	0	0	WATER	Pressure test Pumps and lines
21:05	1400	0	4.7	10	WATER	Fresh water + Alpha 125 + Inflo 250
21:10	1696	0	5.3	40	WATER	Ultra flush II + Alpha 125
21:18	305	0	5.2	10	WATER	Fresh water spacer + Alpha 125 + Inflo 250
21:28	621	0	5.8	91	CEMENT	Batch up, weigh and pump 277 SXS of PLC High Strength D + 2.4% FL-62 + 0.4% ASA 301 + 0.6% SMS + 0.3% BA-10A + 0.4% R-3 @ 13.00 PPG
21:56	0	0	0	0	N/A	Wash pumps and lines/ Release dart
22:03	2000	0	5.2	65	WATER	Displacement with fresh water
22:15	972	0	2.8	10	WATER	Drop rate/ pick up plug
22:17	2270	0	5.2	65	WATER	increase rate
22:32	1700	0	2.2	10	WATER	Drop rate
22:34	2367	0	2.2	150	WATER	Bump Plug
22:35	0	0	0	0	N/A	Check floats
22:37	0	0	0	0	N/A	Turn over to rig for reverse out / test back side.
22:38	0	0	0	0	N/A	Pre rig down safety meeting
00:00	0	0	0	0	N/A	Time off 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:
[Y] N	2367	[Y] N	0	301	0	Y [N]	

BJ Services JobMaster Program Version 3.50

Job Number: 1001886433
Customer: Marathon
Well Name: Owl Creek 8-64-6 1A



Job Start: Monday, February 06, 2012