CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
MARATHON OIL - XML	01-DEC-11	1001871490	AARON M MCWILLIAMS

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
OWL CREEK 8-64-30 1A - API 05123338080000	30-8N-64W	Weld Colorado
DISTRICT	**DRILLING CONTRACTOR RIG #**	**TYPE OF JOB**
Brighton	H&P 321	Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Latch Down Plug & Assembly, 4-1/2	Float Collar, Auto Fill, 4-1/2 - 8rd	—	—	—	Liner	7527	7201
—	Float Shoe 4-1/2 - 8rd	—	—	—	—	—	—
	Centralizer, with Pins, 4-1/2 in						

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	0	333	13	1.82	9.20	02:32	108.11	72.90
Fresh Water + Alpha-125 then 9.8lb drilling mud	0	0	8.34	0	0	00:00	149	
Ultra Flush II + Alpha-125	0	0	11	0	0	00:00	40	
Fresh Water + Inflo-250W +Alpha	0	0	8.34	0	0	00:00	10	
Fresh Water + Inflo-250W + Alpha	0	0	8.34	0	0	00:00	10	
						TOTAL	317.11	72.90

Available Mix Water 500 Bbl. Available Displ. Fluid 300 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
6	15	12450	4	4.5	11.6	CSG	12445	7201	P-110	12445	12399	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.
6.3	7	26	CSG	7692	7201	Liner Baker Hughes	7527	0	0	4	XH	WATER BASED	8.8

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
141	BBLS	Fresh Water + Alpha	8.34	683	7968	0	0	0	8552	4000	Rig tank

Circulation Prior to Job

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

Mud Density In: 8.8 LBS/GAL Mud Density Out: 8.8 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO [ ] YES [X] Units: 0 Solids Present at End of Circulation: NO [X] YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ] BJ [X] Amount Bled Back After Job: 2.5 BBLS

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

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

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

Centralizers: [ ] NO [X] YES Quantity: 60 Type: [ ] BOW [X] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [ ] MANIFOLD [X] 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 [X]

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)

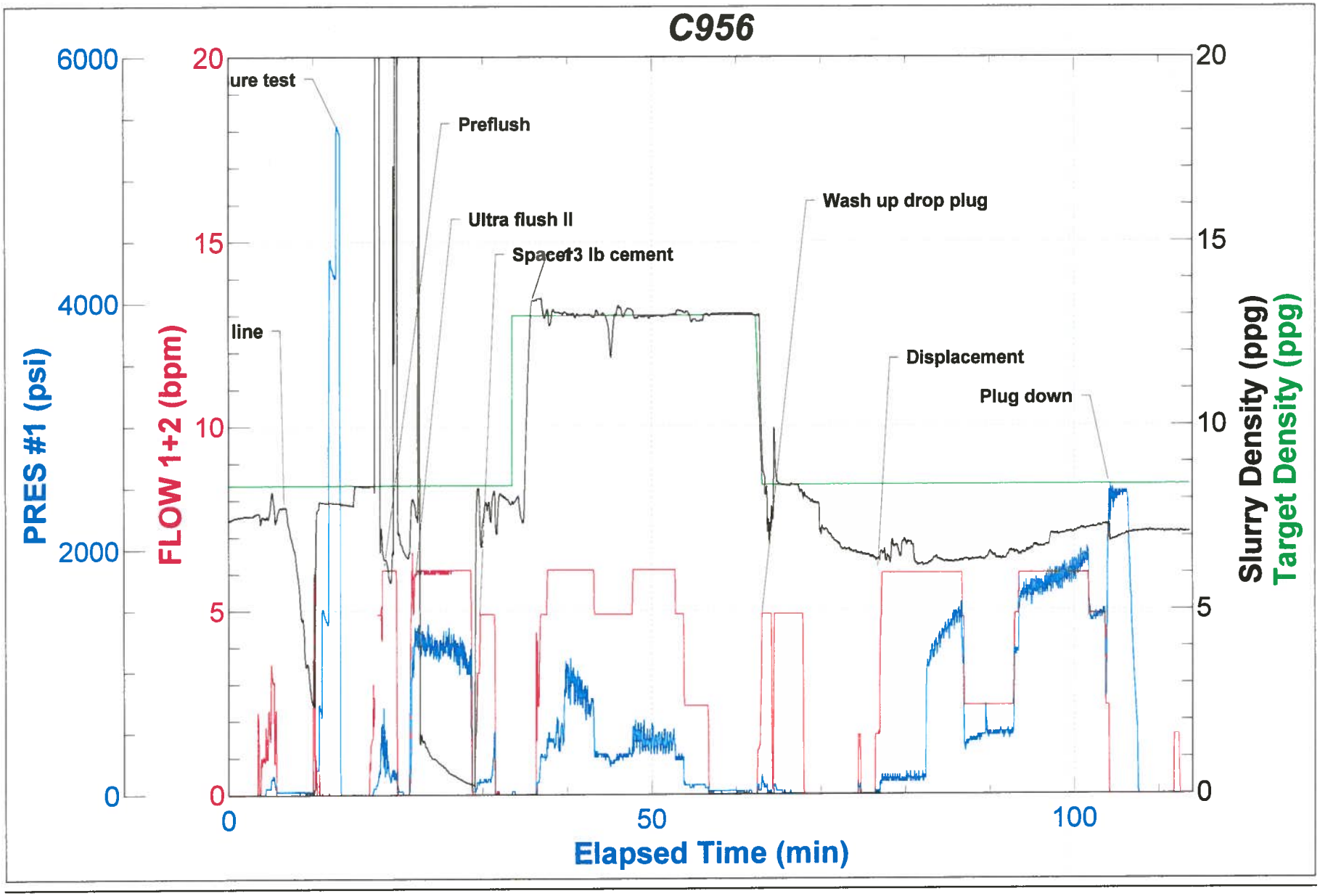
Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL

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 5481 PSI CIRCULATING WELL - RIG [X] BJ [ ]
13:00	0	0	0	0	N/A	Yard call
16:00	0	0	0	0	N/A	Leave yard
17:35	0	0	0	0	N/A	Arrive on location 56 miles Rig running drill pipe
18:15	0	0	0	0	N/A	Spot trucks
18:20	0	0	0	0	N/A	Rig up safety meeting
20:45	0	0	0	0	N/A	Pre job safety meeting
01:00	5481	0	0	0	H2O	Pressure test pumps and lines
01:07	606	0	6	10	H2O	Fresh water + Inflo-250 preflush
01:12	1310	0	6	40	H2O	Ultra flush II + Alpha
01:20	657	0	6	10	H2O	Fresh water + Inflo-250 spacer
01:27	505	0	6	104	CMT	Batch up and pump 333 sks of PLHS + 0.4% R-3 + 2.4%FL-62 + 0.4% ASA-301 + 0.6% SMS + 0.3% BA-10A 13.0ppg 1.82 yield 9.20 gps
01:48	0	0	0	0	H2O	Wash up and drop plug
02:05	1952	0	6	130	H2O	Displacement
02:33	1526	0	4.8	10	H2O	Rate change
02:35	905	0	2.4	1	H2O	Rate change
02:36	987	0	2.4	141	H2O	Bump plug
02:36	2377	0	0	0	N/A	Plug down @ 141 bbl's
03:00	0	0	0	0	MUD	Rig reverce out
03:50	0	0	0	0	N/A	Rig down safety meeting
04:40	0	0	0	0	N/A	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:
[Y] N	2377	[Y] N	28	305	0	[Y] N	

BJ Services JobMaster Program Version 3.50
Job Number: 1001871490
Customer: Marathon
Well Name: Owl Creek 8-64-30 1A