CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
MARATHON OIL - XML	27-MAR-12	1001897896	REESE A ANDERSON

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
CROW VALLEY 7-62-27 #2H - API 05123351990000	34-7N-62W	Weld Colorado

DISTRICT	DRILLING CONTRACTOR RIG #	TYPE OF JOB
Brighton	H&P 321	Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 7 in	Cement Basket, Slip On, 7 in						
	Centralizer, with Pins, 7 in						
	Float Collar, Auto Fill, 7 - 8rd						
	Float Shoe 7 - 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 Cement + additives		574	12.5	1.93	10.17	00:02	196.80	138.95
50:50:3 + 0.4% FL-52+0.1% SMS+20%S-8		140	13.5	1.74	8.04	04:59	43.46	26.79
Fresh Water	0	0	8.34	0	0	00:00	259.31	
Sealbond Preflush	0	0	8.5	0	0	00:00	40	
ClayCare Water	0	0	8.34	0	0	00:00	20	
						TOTAL	559.57	165.75

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

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
8.75	25	7228	6.094	7	32	CSG	7228	6600		7219	7179	7122

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.
8.8	9.63	40	CSG	680	680	NO PACKER	0	0	0	7	8 RD	WATER BASED	10.3

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
258.5	BBLS	Fresh Water	8.34	2278	0	0	0	0	9968	3000	RIG TANK

Circulation Prior to Job

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

Mud Density In: 10.3 LBS/GAL Mud Density Out: 10.3 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: 2.5 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] 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 [X] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES | Quantity: 71 | 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

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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

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

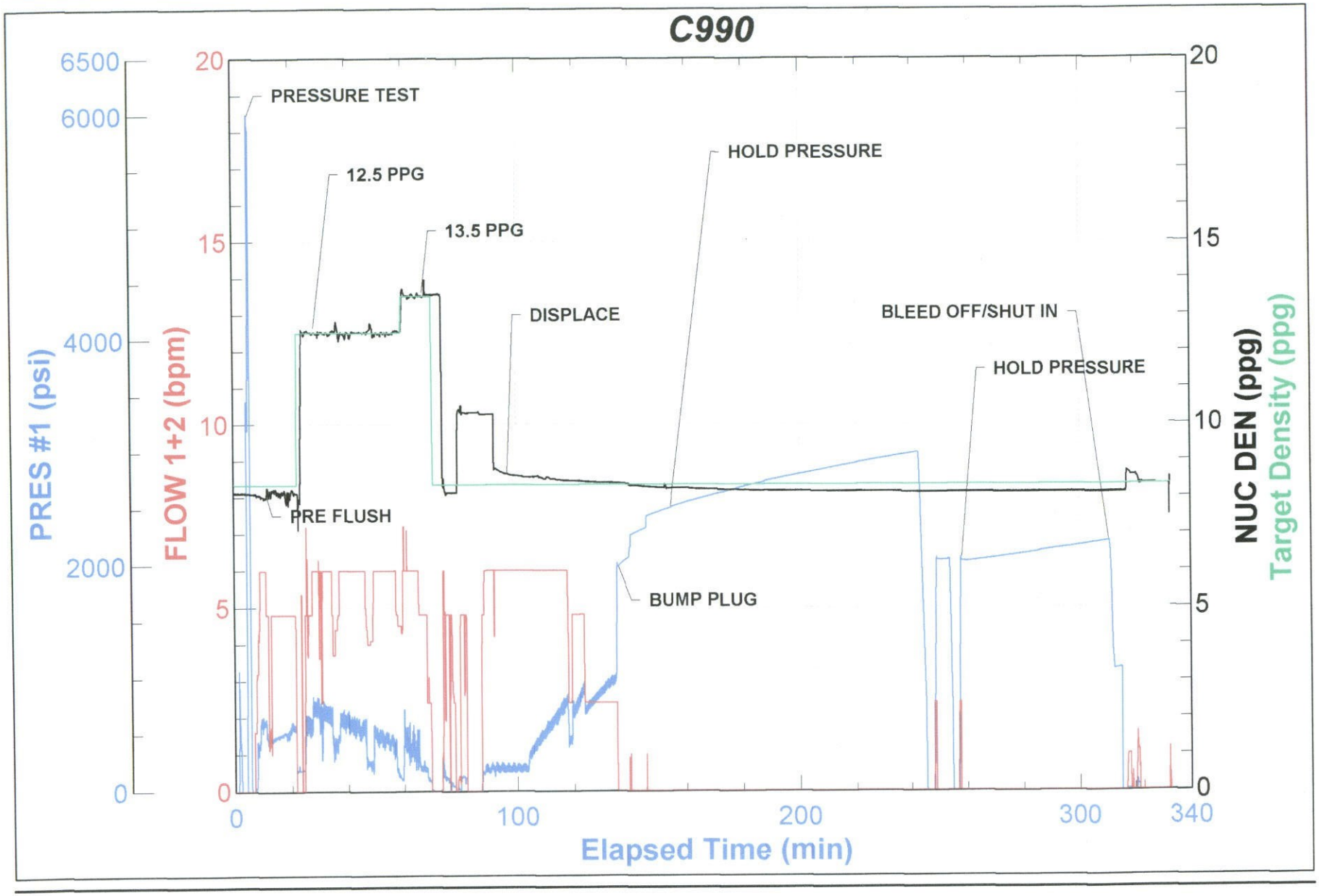
PRESSURE/RATE DETAIL

EXPLANATION

SAFETY MEETING: BJ CREW [X] CO. REP. [X]
TEST LINES 5889 **PSI**
CIRCULATING WELL - RIG [X] BJ [ ]

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
15:30	0	0	0	0	NA	YARD CALL
18:30	0	0	0	0	NA	LEAVE YARD
19:50	0	0	0	0	NA	ARRIVE ON LOCATION
01:00	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP
02:50	0	0	0	0	NA	SAFETY MEETING
03:18	5889	0	0	0	H20	PRESSURE TEST
03:26	490	0	6	20	H20	CLAYCARE FLUSH
03:29	482	0	4.8	40	H20	SEAL BOND SPACER
03:39	523	0	6	196	CMT	BATCH UP, WEIGH AND PUMP 574 SX PLC + 5 LBS/SACK KOL-SEAL + 0.4% FL-52 + 3% BENTONITE + 0.25 LBS/SACK CELLO FLAKE @ 12.5 PPG
04:15	331	0	6	46	CMT	BATCH UP, WEIGH AND PUMP 140 SX 50:50 POZ (FLY ASH) G CMT + 0.25 LBS/SACK CELLO FLAKE + 5 LBS/SACK KOL-SEAL + 0.4% FL-52 + 3% BENTONITE + 0.1% SMS + 20% S-8 @ 13.5 PPG
04:30	0	0	0	0	NA	DROP PLUG
04:36	489	0	6	210	H20	DISPLACEMENT
05:15	1049	0	4.8	20	H20	RATE CHANGE
05:20	1248	0	2.4	28.5	H20	RATE CHANGE
05:37	1380	0	2.4	258.5	H20	BUMP PLUG
05:40	2512	0	0	0	H20	MONITOR PRESSURE/HOLD PRESSURE PER COMPANY MAN
07:30	0	0	0	0	NA	BLEED OFF/TEST FLOAT/FLOAT NOT HOLDING
07:35	2520	0	2.4	2.5	H20	PRESSURE UP ON PLUG
07:40	0	0	0	0	NA	BLEED OFF/FLOAT NOT HOLDING
07:42	2513	0	2.4	2.5	H20	PRESSURE UP ON PLUG/HOLD PRESSURE
08:15	0	0	0	0	NA	BLEED OFF/FLOAT NOT HOLDING
08:20	1080	0	.8	1	NA	PRESSURE UP/CLOSE HEAD
08:40	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN
09:30	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:
[Y] N	2278	[Y] N	1	560.5	1080	Y [N]	Reese Anderson

X

BJ Services JobMaster Program Version 3.50
Job Number: 1001897896
Customer: MARATHON
Well Name: CROW VALLEY 7-62-27 2H