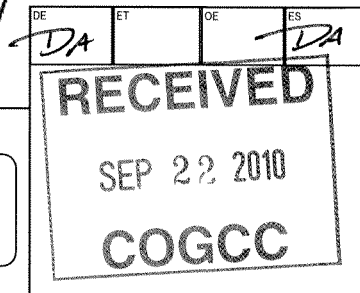


State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax:(303)894-2109



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 53650	4. Contact Name: Anna Walls	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Marathon Oil Company	Phone: (713) 296-3468	
3. Address: 5555 San Felipe St, Mailstop 35:08	Fax: (713) 513-4394	
City: Houston State: Texas Zip 77056-2701		
5. API Number 05- 045-15084	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: 596-31A	7. Well/Facility Number 21	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW-NE-31-05S-96W-6th P.M.		Surface Eqpm Diagram
9. County: GARFIELD	10. Field Name: GRAND VALLEY	Technical Info Page x
11. Federal, Indian or State Lease Number:		Other

General Notice

☐ **CHANGE OF LOCATION:** Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer _____

Latitude _____ Distance to nearest property line _____ Distance to nearest bldg, public rd, utility or RR _____

Longitude _____ Distance to nearest lease line _____ Is location in a High Density Area (rule 603b)? Yes/No ☐

Ground Elevation _____ Distance to nearest well same formation _____ Surface owner consultation date: _____

☐ attach directional survey

GPS DATA:
Date of Measurement _____ PDOP Reading _____ Instrument Operator's Name _____

<input type="checkbox"/> CHANGE SPACING UNIT Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached
--	---

<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: _____ Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> CHANGE WELL NAME NUMBER From: _____ To: _____ Effective Date: _____
---	---

<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for Inspection: _____	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: _____ Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years. Date of last MIT _____
--	---

<input type="checkbox"/> SPUD DATE: _____	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
--	--

☐ **SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK** *submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date
_____	_____	_____	_____	_____	_____

☐ **RECLAMATION:** Attach technical page describing final reclamation procedures per Rule 1004.
Final reclamation will commence on approximately _____ ☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> Notice of Intent Approximate Start Date: 9/29/10	<input type="checkbox"/> Report of Work Done Date Work Completed: _____
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Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

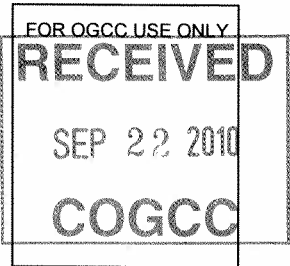
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Remedial cement work	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Anna Walls Date: 9/21/2010 Email: avwalls@marathonoil.com
Print Name: Anna Walls Title: Reg. Compliance Tech

COGCC Approved: David And Title: PE II Date: 9/23/2010
CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



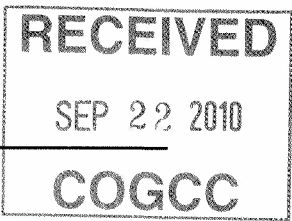
1. OGCC Operator Number:	53650	API Number:	045-15084
2. Name of Operator:	Marathon Oil Company		OGCC Facility ID #
3. Well/Facility Name:	596-31A	Well/Facility Number:	21
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	NWNE-31-05S-96W		

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Well 596-31A-21 was directionally drilled to TD (10,040'MD, 9875' TVD) with 4-1/2" casing to 10,019' MD. The casing was cemented with 276 bbls of 12.5 ppg premium light slurry. Squeeze holes (4) were shot at 9690', 9700' & 9703'. 446 bbls (1018 sx) type III cement @ 3 bpm and found TOC to be 8136'.

Marathon is required by COGCC to meet our original drilling permit (TOC) depth of 5500'. Therefore, Marathon respectfully requests approval of the proposed cement squeeze procedure. Perforate the shale located at 8000' - 8001' ELM. Set retainer at 7930'MD. RIH w/BHA and sting into cement retainer. Pressure test pump lines to 3500 psi. Perform circulation squeeze with 216 bbls (421 sx) 35:65 Poz, Type III cement (12.5 ppg) through cement retainer. The cement volume for this job is based on establishing a circulation squeeze from 5500'-8136'. Drill out cement retainer. Test sqz holes to 3500 psi.



Updated: 20-Sep-10 by Greg Gandler



OD: 16" 84# J-55 set @ 120'

OD: 9 5/8" 36# J-55 set @ 2,656'
Cemented with Type III, 12.3 ppg, 1129 sx lead
and Type III, 14.2 ppg, 295 sx tail. Float held.

OD: 4 1/2" 11.6# P-110 set @ 10,018'
Cemented with Prem-lite, 12.5 ppg, 617 sx . Float held.
Bumped plug w/ 2515. Floats Held

TOC w/ 60% bond @ 8136'
CBL: Mesa Wireline
16-Jul-09

Stage #7 - WF

Stage #6 - WF

Stage #5 - WF

Stage #4 - WF

Stage #3 - WF

Stage #2 - Cameo

Stage #1 - Cameo

WL: 9,675 ft
Float: 9,932 ft
TD: 10,040 ft

Well Name: 596-31A-21
SAP CC :
Lat/Long:
Location: 596-31A Pad, Sec 31 T55 R96W
County: Garfield County, CO
Field : Grand Valley

API #: 05-045-15084-00 WI: 100%
Lease: NRI: 81.25%
Document #: 20075243

Spud Date: 6/14/2008 GL: 8418
TD Date: 8/23/2008 KB: 8442
1st Flow:

NO.	Tubing DESCRIPTION	LENGTH	
		KB	24
		Depth	24

Total Sand 670,631 lbs
Total Water 20,739 bbls

CBP set @ 8220'

@ 2 SPF, perforated 8322'-8324' 8338'-8342' 8421'-8422' 8428'-8430'
Frac'd with 55875# 30/50 White and 1849 bbls

CBP set @ 8454'

@ 2 SPF, perforated 8470'-8473' 8522'-8526' 8582'-8584' 8602'-8603' 8626'-8627' 8655'-8656'
Frac'd with 131657# 30/50 White and 3769 bbls

CBP set @ 8670'

@ 2 SPF, perforated 8679'-8680' 8702'-8707' 8740'-8744' 8766'-8767' 8798'-8799' 8834'-8835'
Frac'd with 114107# 30/50 White and 3246 bbls

CBP set @ 8860'

@ 2 SPF, perforated 8876'-8878' 8920'-8922' 8944'-8946' 8984'-8986' 9012'-9016' 9040'-9041'
Frac'd with 137475# 30/50 White and 4074 bbls

CBP set @ 9060'

@ 2 SPF, perforated 9070'-9071' 9098'-9102' 9200'-9207'
Frac'd with 51718# 30/50 White and 2015 bbls

CBP set @ 9240'

@ 2 SPF, perforated 9258'-9260' 9288'-9291' 9318'-9320' 9356'-9358' 9428'-9431' 9468'-9469'
Frac'd with 128150# 30/50 White and 3766 bbls

CBP set @ 9490'

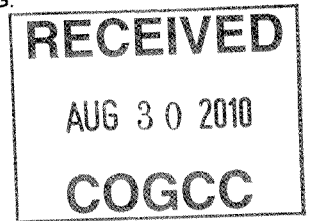
@ 2 SPF, perforated 9550'-9556' 9564'-9570'
Frac'd with 51649# 30/50 White and 2020 bbls

10K CIBP set @ 9685' w/ 10' of cement on plug
Squeeze holes shot @ 9690', 9700', and 9703' all at 4 spf

Andrews, David

From: Gandler, Greg [glgandler@marathonoil.com]
Sent: Monday, August 30, 2010 11:00 AM
To: Gandler, Greg; Andrews, David
Cc: Walls, Anna V.; Weed, Tim E.; Wiskofske, Michael T.; Kelsch, Bruce J.; Goeres, Bryson G.
Subject: August 2010 Update - Marathon Oil Corporation Well 596-31A-#21, Garfield County

Follow Up Flag: Follow up
Flag Status: Flagged



David,
(cc: Anna Walls - MOC Compliance, Tim Weed - Piceance Completion Superintendent, Greg Gandler - Completion Engineer)

Per your request, Marathon has monitored the bradenhead pressure on Well 596-31A-#21. The monthly testing result for August 2010 is as follows:

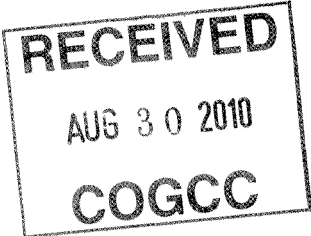
- Thursday, January 14th: Recorded original 9-5/8" SICP as 86 psi. Bled off to 0 psi in < 10 minute. No fluid was recovered. Recorded pressure on a 0 -150 psi gauge.
- Friday, January 22nd: Recorded 7 day test pressure on the 9-5/8" surface casing as 2 psi. Did not bleed off pressure. Recorded pressure on a 0-100 psi gauge.
- Saturday, February 20th: Recorded monthly test on the 9-5/8" surface casing as 50 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (29) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Monday, March 22nd: Recorded monthly test on the 9-5/8" surface casing as 50 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (30) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Tuesday, April 20th: Recorded monthly test on the 9-5/8" surface casing as 56 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (29) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Wednesday, May 26th: Recorded monthly test on the 9 5/8" surface casing as 55 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (36) days since the last check. Pressure recorded on a 0-60 psi gauge.
- Monday, June 28th: Recorded monthly test on the 9-5/8" surface casing as 52 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (33) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Saturday, August 7th: Recorded monthly test on the 9-5/8" surface casing as 65 psi. Bled off pressure to 0 psi in 10 minutes (No fluid recovered). It has been (40) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Wednesday, August 25th: Recorded monthly test on the 9-5/8" surface casing as 57 psi. Bled off pressure to 0 psi in 10 minutes (No fluid recovered). It has been (18) days since the last check. Pressure recorded on a 0-100 psi gauge.

UPDATE →
D.A.

We will continue monitoring the 9-5/8" bradenhead pressure on a monthly basis as directed. Please let me know if you have any questions or concerns. Additionally, Dave we will frac'ing this well tomorrow and squeeze work to follow in September.

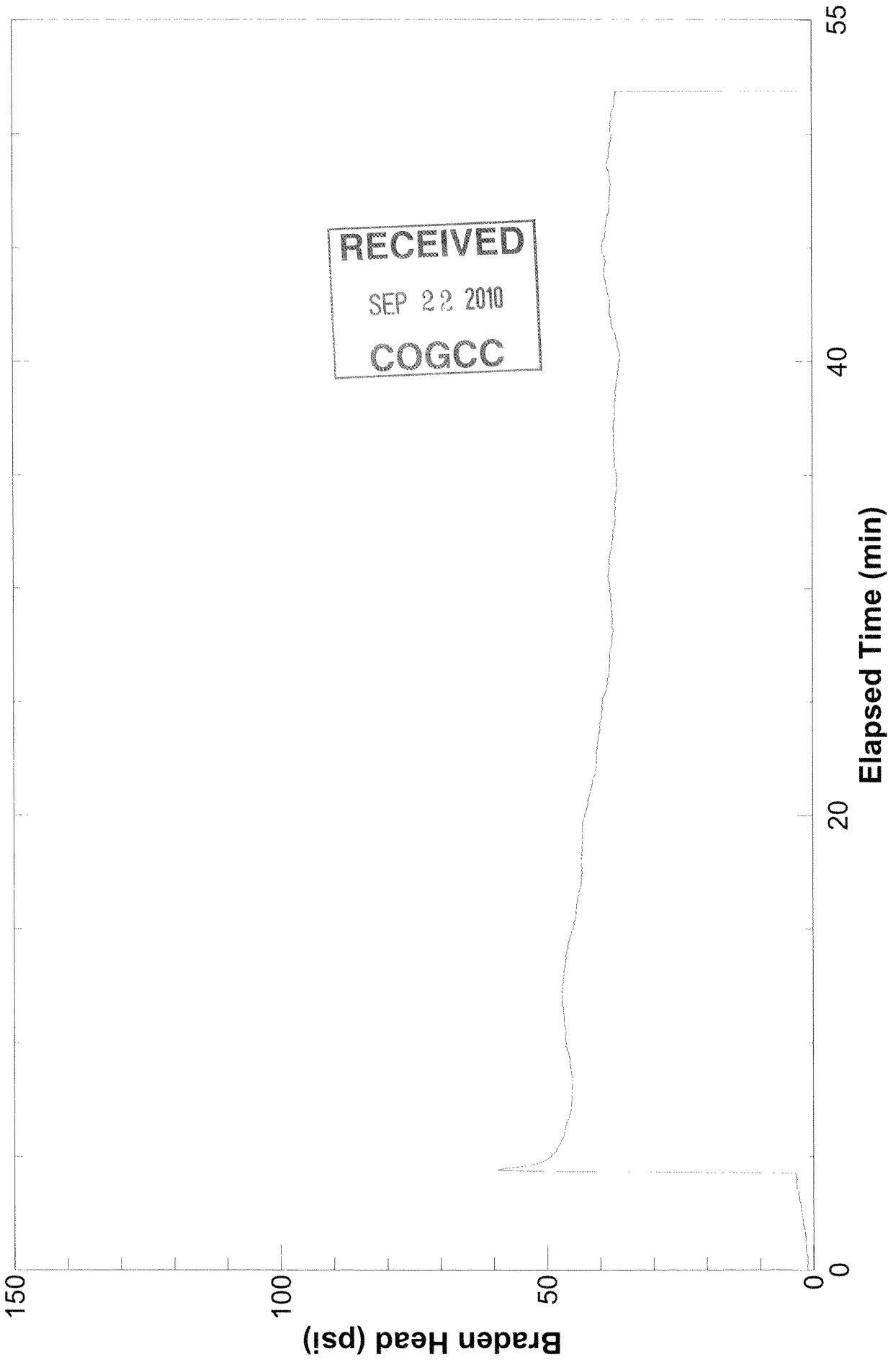
Thank you,

Greg Gandler
Piceance Completions
Marathon Oil Company
Office 713-296-1884
Cell 281-881-0158



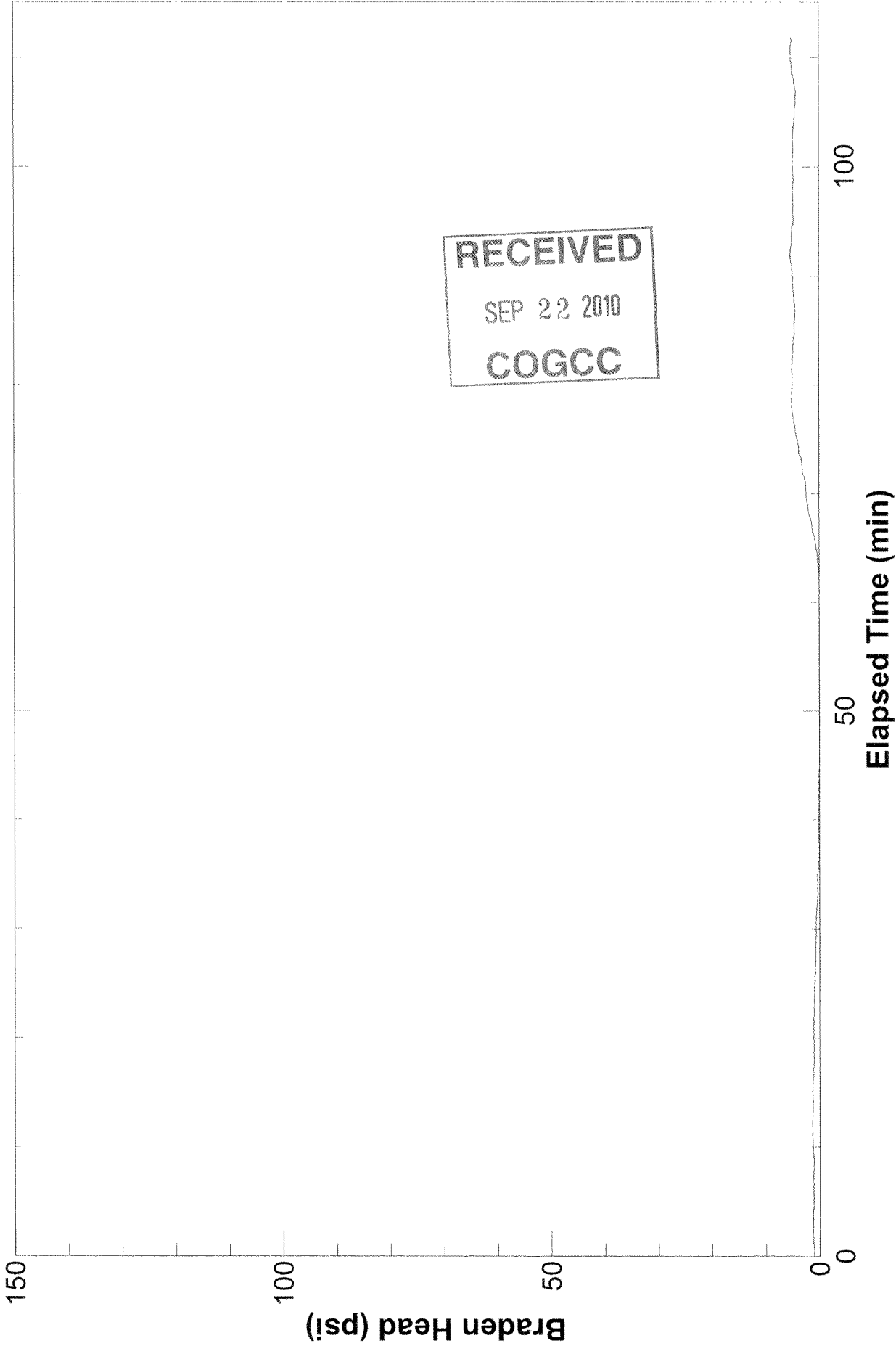


Braden Head



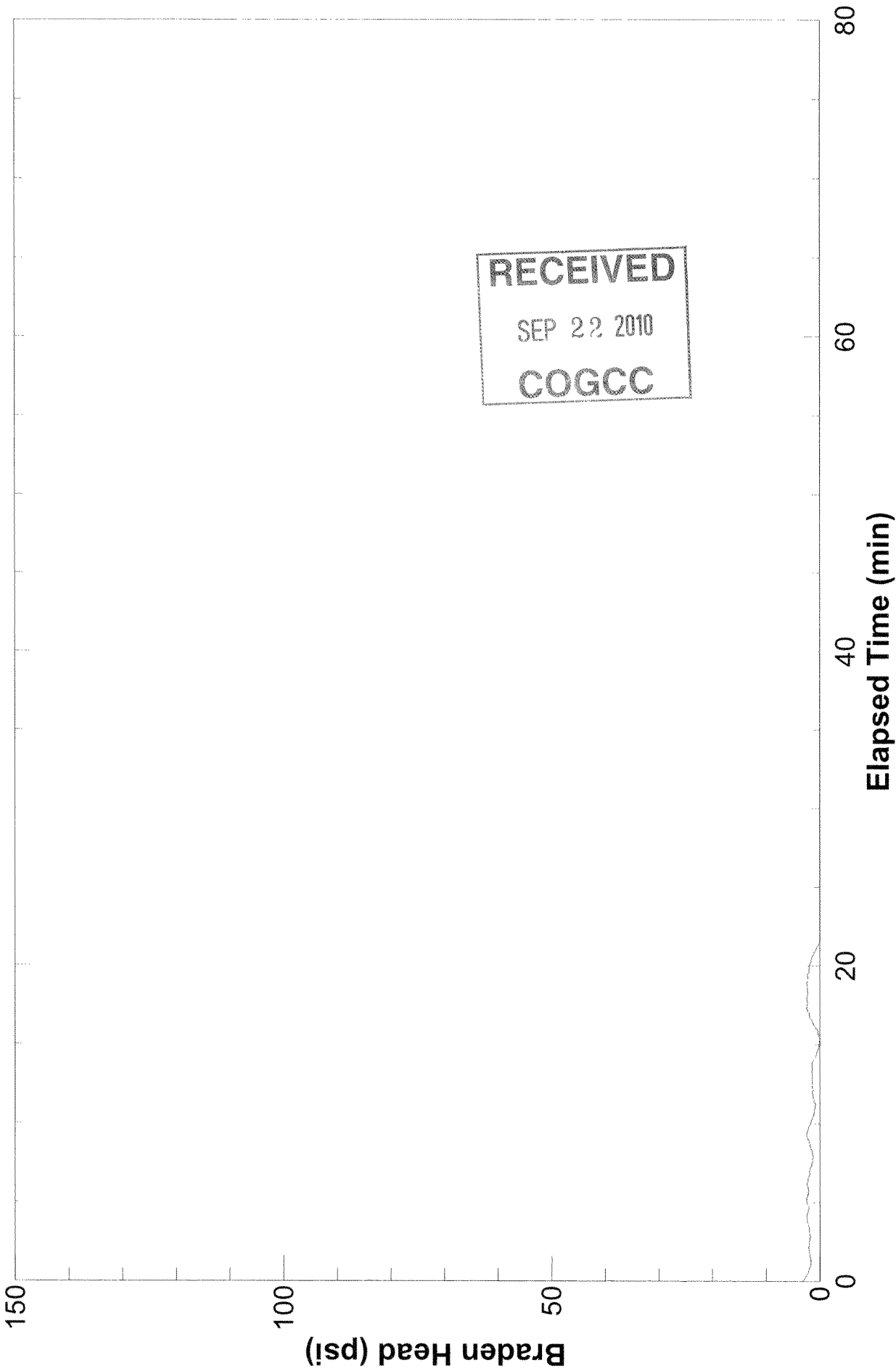


Braden Head



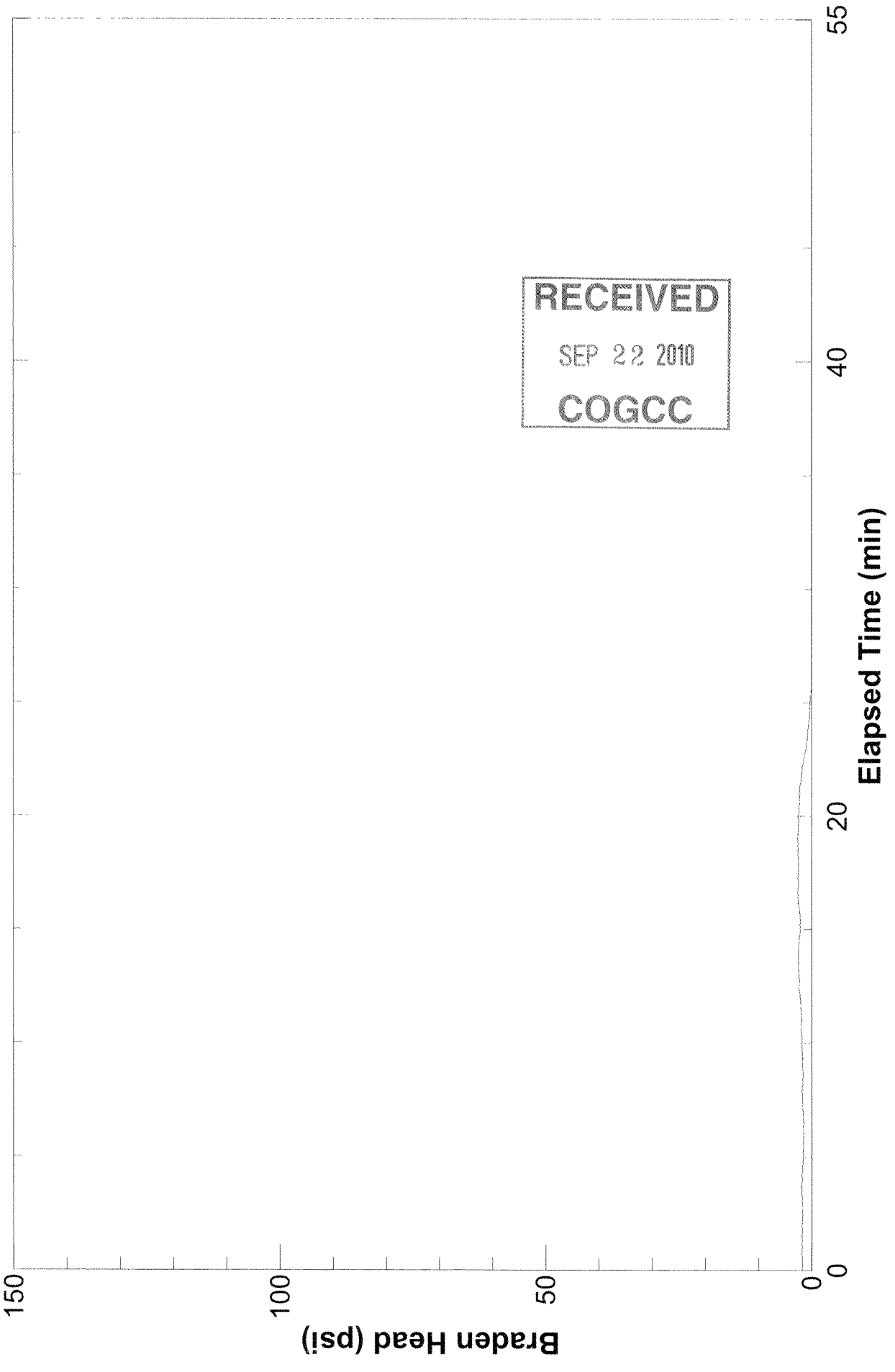


Braden Head





Braden Head





Braden Head

