

BRAND REPORT

FOR THE 6 MONTH PERIOD ENDED JUNE 2017



No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment which must be made by the user of the report.

Hart Energy Publishing 1616 S. Voss Road, Suite 1000 Houston, TX 77057 Tel. No.: (713) 260-6400 Fax No.: (713) 627-2546 www.oilandgasinvestor.com **OIL AND GAS INVESTOR** focuses on the companies and deal-makers, the financiers and E&P executives who shape this industry. We write about their successes and failures, how they make decisions, what they are doing to grow, where they are drilling and their likely future plans. Oil and Gas Investor analyzes and interprets business and industry trends important to oil and gas executives: finding/raising capital, E&P investment opportunities, successful management, merger and acquisition strategies, how to make more money while minimizing risk. For 30 years, top executives at E&P companies and the financial community have relied upon Oil and Gas Investor for unmatched quality in energy journalism – complete, insightful and useful information about exploration and business opportunities, finding capital, managing risk, and building shareholder value.

BRAND REPORT PURPOSE

The Brand Report provides a deeper understanding and identification of all audited touch points with customers that have interest in the brand. It is designed to present analysis of all communication channels, including a brand's unique users within each channel of, but not across, multiple media platforms. This non-integrated report contains data for each separate media channel as indicated in the Executive Summary. No attempt has been made to identify or eliminate duplication that may exist across media channels.

CHANNELS





EXECUTIVE SUMMARY

Below are the Average contacts per occurrence, including frequency per period reported

| | Non-Paid | Paid | Average |
|---|----------|-------|---------|
| OIL AND GAS INVESTOR MAGAZINE (6 issues in the period) | 1,094 | 3,835 | 4,929 |
| OIL AND GAS INVESTOR WEBSITE (Monthly Users with 191,353 average Pageviews) | 68,865 | - | 68,865 |

FIELD SERVED

OIL AND GAS INVESTOR serves the petroleum industry including companies involved in exploration and production, technical or geological consulting, gas or oil trading/marketing, pipelining, refining, gas processing, service and supply including drilling, institutional investment or portfolio management, trust or insurance companies, investment and /or commercial banking, venture capital, mezzanine or private equity, advisory services including accounting, law, financial, M&A etc., private investor or royalty owner, and others allied to the field.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are individuals involved in the petroleum industry and titled Chairman, CEO, President, COO, Owner, Principal, Partner, Vice President, Officer, General Manager, Director, Managing Director, Manager, Consultant, Geologist, Geophysicist, Landman, Engineer, Analyst, Salesman, Accountant, Attorney, Private Investor and others including Corporate Copies, Company Copies, Other Titles, Titles not available but allied to the field.

AVERAGE NON-QUALIFIED CIRCULATION

| Copies |
|--------|
| 10 |
| 93 |
| 592 |
| 545 |
| 1,240 |
| |

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR THE PERIOD

| | Total Q | ualified | Qualified | Qualified Non-Paid | | ed Paid |
|--|---------|----------|-----------|--------------------|--------|---------|
| QUALIFIED CIRCULATION | Copies | Percent | Copies | Percent | Copies | Percent |
| Individual | 4,413 | 89.5 | 968 | 19.6 | 3,445 | 69.9 |
| Sponsored Individually Addressed | 339 | 6.9 | - | - | 339 | 6.9 |
| Membership Benefit | 101 | 2.1 | 101 | 2.1 | - | - |
| Multi-Copy Same Addressee | 76 | 1.5 | 25 | 0.5 | 51 | 1.0 |
| Single Copy Sales | - | - | - | - | - | - |
| TOTAL QUALIFIED CIRCULATION | 4,929 | 100.0 | 1,094 | 22.2 | 3,835 | 77.8 |

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

| 2017 Issue | Qualified Non-Paid | Qualified Paid | Total Qualified |
|------------|--------------------|----------------|-----------------|
| January | 895 | 3,911 | 4,806 |
| February | 894 | 3,963 | 4,857 |
| March | 895 | 3,982 | 4,877 |
| April | 889 | 3,877 | 4,766 |
| May | 1,506 | 3,632 | 5,138 |
| June | 1,484 | 3,643 | 5,127 |

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017 This issue is 5.1% or 251 copies above the average of the other 5 issues reported in Paragraph 2.

| | | | | | CLASSIFICATION BY TITLE | | | | | |
|--|--------------------|---------------------|-----------------------|-------------------|-----------------------------------|--|----------------------------------|-------------------|----------------------|--|
| BUSINESS AND INDUSTRY | TOTAL QUALIFIED | PERCENT OF TOTAL | Qualified Non-Paid | Qualified Paid | Executive Managers (Note 1) | Analysts & Other Professionals (Note 2) | E&P Professionals (Note 3) | Company Copies | Private Investors | Other Titled and Non-Titled Personnel |
| Exploration & Production including Tech/Geo Consulting | 2,558 | 49.8 | 1,351 | 1,207 | 2,361 | 18 | 78 | - | 2 | 99 |
| Financial including investment houses, banks, advisory services and other investors (Note 4) | 999 | 19.5 | 63 | 936 | 753 | 103 | 10 | - | 9 | 124 |
| Service & Supply Including Drilling | 762 | 14.8 | 58 | 704 | 659 | 26 | 21 | - | 5 | 51 |
| SUB-TOTAL | 4,319 | 84.1 | 1,472 | 2,847 | 3,773 | 147 | 109 | - | 16 | 274 |
| Mid & Downstream including Pipelining, Refining, Gas Processing, Gas or Oil Trader/Marketer | 197 | 3.8 | 3 | 194 | | | | | | |
| Others Allied to the Field | 622 | 12.1 | 31 | 591 | _ | | | | | |
| TOTAL QUALIFIED CIRCULATION | 5,138 | 100.0 | 1,506 | 3,632 | | | | | | |

Note 1: Executive Management including chairman, CEO, president, COO, vice president, officer, general manager, owner, partner, principal, director and manager.

29.3

Note 2: Analysts & other professional services including consultant, analyst, salesman, accountant and attorney.

100.0

Note 3: E&P Professionals including geologist, geophysicist, landman and engineer.

PERCENT

Note 4: Financial/Advisory Services including institutional investing or portfolio management, trust or insurance company, investment banking, commercial banking, venture capital, mezzanine or private equity company, advisory services (accounting, law, financial, M&A, etc.) and private investor or royalty owner.

70.7

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED NON-PAID CIRCULATION FOR ISSUE OF MAY 2017

| Qualified Within | | | | | | |
|------------------|---------|----------------|------------------------|---|---|---|
| 1 Year | 2 Years | 3 Years | Qualified Non-Paid | Qualified Paid* | Total Qualified | Percent |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| 101 | - | - | 101 | - | 101 | 6.7 |
| - | - | - | - | - | - | - |
| 1,405 | - | - | 1,405 | - | 1,405 | 93.3 |
| - | - | - | - | - | - | - |
| 1,405 | - | - | 1,405 | - | 1,405 | 93.3 |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | - |
| 1,506 | - | - | 1,506 | - | 1,506 | 100.0 |
| 100.0 | - | - | 100.0 | - | 100.0 | |
| | 1 Year | 1 Year 2 Years | 1 Year 2 Years 3 Years | 1 Year 2 Years 3 Years Qualified Non-Paid 101 - - - 101 - - 101 - - - - 1,405 - - 1,405 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - | 1 Year 2 Years 3 Years Qualified Non-Paid Paid* | 1 Year 2 Years 3 Years Qualified Non-Paid Qualified Paid* Total Qualified Qualified 101 - |

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017

| MAILING ADDRESS | Qualified Non-Paid | Qualified Paid | Total Qualified | Percent |
|---|--------------------|----------------|--------------------|---------|
| Individuals by name and title and/or function | 1,481 | 3,304 | 4,785 | 93.2 |
| Individuals by name only | - | 226 | 226 | 4.4 |
| Titles or functions only | - | 28 | 28 | 0.5 |
| Company names only | - | 23 | 23 | 0.4 |
| Multi-Copy Same Addressee copies | 25 | 51 | 76 | 1.5 |
| Single Copy Sales | - | - | - | - |
| TOTAL QUALIFIED CIRCULATION | 1,506 | 3,632 | 5,138 | 100.0 |

AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS

| | Audited Data | Audited Data | Audited Data | Audited Data | Circulation Claim | Circulation Claim |
|---|-------------------------|------------------------|-------------------------|------------------------|--------------------------|-------------------------|
| 6-Month Period Ended: | July – December 2014 | January – June 2015 | July – December 2015 | January – June 2016 | July – December 2016* | January – June 2017* |
| Total Audit Average Qualified: | 6,512 | 6,534 | 6,281 | 5,802 | 4,852 | 4,929 |
| Qualified Non-Paid: | 1,874 | 1,792 | 1,731 | 1,450 | 900 | 1,094 |
| Qualified Paid: | 4,638 | 4,742 | 4,550 | 4,352 | 3,952 | 3,835 |
| Post Expire Copies included in Total Qualified Circulation: | **NC | **NC | **NC | 12.9% | 6.8% | 4.2% |
| Average Annual Order Price: | \$265.80 | \$266.16 | \$268.00 | \$229.61 | \$229.03 | \$214.97 |

^{*}NOTE: July 2016 - June 2017 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.

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^{**}NC = None Claimed.

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 2017*

| State | Qualified Non-Paid | Qualified Paid | Total Qualified | Percent | State |
|------------------|-----------------------|-------------------|--------------------|---------|---------------------|
| Maine | 3 | 1 | 4 | | Kentucky |
| New Hampshire | 3 | 1 | 4 | | Tennessee |
| Vermont | - | 1 | 1 | | Alabama |
| Massachusetts | 32 | 35 | 67 | | Mississippi |
| Rhode Island | 9 | 1 | 10 | | EAST SO. CENT |
| Connecticut | 30 | 15 | 45 | | Arkansas |
| NEW ENGLAND | 77 | 54 | 131 | 2.6 | Louisiana |
| New York | 68 | 162 | 230 | | Oklahoma |
| New Jersey | 18 | 20 | 38 | | Texas |
| Pennsylvania | 28 | 70 | 98 | | WEST SO. CENT |
| MIDDLE ATLANTIC | 114 | 252 | 366 | 7.1 | Montana |
| Ohio | 37 | 30 | 67 | | Idaho |
| Indiana | 15 | 5 | 20 | | Wyoming |
| Illinois | 31 | 28 | 59 | | Colorado |
| Michigan | 16 | 31 | 47 | | New Mexico |
| Wisconsin | 5 | 8 | 13 | | Arizona |
| EAST NO. CENTRAL | 104 | 102 | 206 | 4.0 | Utah |
| Minnesota | 11 | 8 | 19 | | Nevada |
| Iowa | 7 | 3 | 10 | | MOUNT |
| Missouri | 11 | 12 | 23 | | Alaska |
| North Dakota | 16 | 13 | 29 | | Washington |
| South Dakota | 3 | 1 | 4 | | Oregon |
| Nebraska | 3 | 3 | 6 | | California |
| Kansas | 76 | 24 | 100 | | _ Hawaii |
| WEST NO. CENTRAL | 127 | 64 | 191 | 3.7 | PAC |
| Delaware | - | - | - | | UNITED STA |
| Maryland | 8 | 5 | 13 | | U.S. Territories |
| Washington, DC | 3 | 15 | 18 | | Canada |
| Virginia | 12 | 15 | 27 | | Mexico |
| West Virginia | 10 | 28 | 38 | | Other International |
| North Carolina | 15 | 11 | 26 | | APO/FPO |
| South Carolina | 4 | 1 | 5 | | · |
| Georgia | 14 | 17 | 31 | | TOTAL QUALIF |
| Florida | 24 | 32 | 56 | | CIRCULAT |
| SOUTH ATLANTIC | 90 | 124 | 214 | 4.2 | |
| | | | | | |

| State | Qualified Non-Paid | Qualified Paid | Total Qualified | Percent |
|-----------------------------|-----------------------|-------------------|--------------------|---------|
| Kentucky | 14 | 7 | 21 | |
| Tennessee | 8 | 6 | 14 | |
| Alabama | 14 | 25 | 39 | |
| Mississippi | 14 | 17 | 31 | |
| EAST SO. CENTRAL | 50 | 55 | 105 | 2.0 |
| Arkansas | 10 | 12 | 22 | |
| Louisiana | 52 | 105 | 157 | |
| Oklahoma | 104 | 274 | 378 | |
| Texas | 527 | 1,984 | 2,511 | |
| WEST SO. CENTRAL | 693 | 2,375 | 3,068 | 59.7 |
| Montana | 10 | 13 | 23 | |
| Idaho | 3 | 6 | 9 | |
| Wyoming | 17 | 26 | 43 | |
| Colorado | 58 | 326 | 384 | |
| New Mexico | 21 | 43 | 64 | |
| Arizona | 4 | 7 | 11 | |
| Utah | 17 | 15 | 32 | |
| Nevada | 3 | 3 | 6 | |
| MOUNTAIN | 133 | 439 | 572 | 11.1 |
| Alaska | 3 | 4 | 7 | |
| Washington | 22 | 8 | 30 | |
| Oregon | 7 | 3 | 10 | |
| California | 74 | 106 | 180 | |
| Hawaii | 4 | - | 4 | |
| PACIFIC | 110 | 121 | 231 | 4.5 |
| UNITED STATES | 1,498 | 3,586 | 5,084 | 98.9 |
| U.S. Territories | - | - | - | |
| Canada | 5 | 24 | 29 | |
| Mexico | - | - | - | |
| Other International | 3 | 22 | 25 | |
| APO/FPO | - | - | - | |
| TOTAL QUALIFIED CIRCULATION | 1,506 | 3,632 | 5,138 | 100.0 |

WEBSITE CHANNEL

WWW.OILANDGASINVESTOR.COM

| 2017 | PAGEVIEWS | SESSIONS | USERS | AVERAGE SESSION DURATION |
|----------|-----------|----------|--------|--------------------------|
| January | 194,939 | 97,272 | 66,208 | 1:33 |
| February | 191,152 | 99,752 | 72,927 | 1:31 |
| March | 207,402 | 109,285 | 77,339 | 1:24 |
| April | 191,029 | 98,164 | 68,174 | 1:30 |
| May | 185,248 | 95,706 | 66,032 | 1:29 |
| June | 178,348 | 91,581 | 62,513 | 1:30 |
| AVERAGE: | 191.353 | 98.626 | 68.865 | 1:29 |

January - June 2017 data was provided by Google Analytics. All website activity is audited by BPA Worldwide.

WEBSITE GLOSSARY

Pageviews: A Pageview is recorded each time a page implanted with the JavaScript code (tag) is displayed in a browser window. This will occur whether the page is served directly from the web server, from a proxy, or from the browser's cache.

Sessions: A single continuous set of activity attributable to a cookied browser resulting in one or more pulled text and/or graphics downloads from a site. A period of 30 minutes of inactivity will terminate the session.

Users: An identified and unduplicated Cookied Browser that accesses Internet content or advertising during a measurement period.

Average Session Duration: The time visitors remain on a site per session.

 $For info \ on \ how \ to \ obtain \ online \ ad \ campaign \ performance \ metrics \ across \ multiple \ sites, \ visit \ \underline{www.adicompli.com}$

^{*}See Additional Data

ADDITIONAL DATA

MAGAZINE:

PARAGRAPH 3b:

Paragraph 3b includes 1,506 qualified non-paid circulation. Qualified paid circulation of 3,632 combined with the qualified non-paid circulation equals 5,138 total qualified circulation for the analyzed issue.

Copies served as Membership Benefit go to members of the National Association of Petroleum Investment Analysts.

Business directories include 1 source of circulation for a quantity of 1,405 copies or 93.3%, including InfoUSA.

A total of 62 orders were sold with the OGI Executive Notebook as an incentive. A total of 65 orders were sold with the OGI Executive Barbeque Kit as an incentive.

GEOGRAPHIC DISTRIBUTION:

Geographic data for Website is not reported at the media owner's option.

PUBLISHER'S AFFIDAVIT

We hereby make oath and say that all data set forth in this statement are true.

Shelley Lamb, Vice President & Publisher - OGI Group

James X Browning, Vice President - Audience Development

(At least one of the above signatures must be that of an officer of the publishing company or its

IMPORTANT NOTE:

This unaudited brand report has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

August 29, 2017 Date signed State Texas Harris County

Received by BPA Worldwide August 29, 2017

BJ Туре 0112B0J7 **ID Number**

Anot-for-profit organization since 1931, BPA Worldwide is governed by a tripartite board comprised of media owners, advertising agencies and advertisers. Headquartered in Shelton, Connecticut, USA, BPA has the largest membership of any media-auditing organization in the world, spanning more than 30 countries. Globally, BPA audits media properties including consumer magazines, newspapers, web sites, events, email newsletters, databases, wireless, social media and other advertiser-supported media—as well as advertiser and agency members. Visit www.bpaww.com for the latest audit reports, membership information and publishing and advertising industry news.