

GULF COAST

1 Two Pearsall Shale completions in Indio Tanks Field were announced by **Murphy Exploration & Production Co.** in Atascosa County (RRC Dist. 1), Texas. The #1H Fernandez Unit flowed 567 bbl of 30-degree-gravity crude, 389 Mcf of gas and 959 bbl of water through fracture-stimulated perforations at 8,300-14,550 ft. Gauged on a 22/64-in. choke, the flowing tubing pressure was 778 psi. The 14,699-ft venture has a true vertical depth of 7,839 ft and is in Stephen Stein Survey, A-796. The horizontal leg bottomed 1.25 miles to the northwest. The company's #1H LSWT was tested in April flowing 260 bbl of 40.9-degree-gravity oil, 325 Mcf of gas and 661 bbl of water per day. Production is from fracture-stimulated perforations at 11,004-15,506 ft. The well was drilled to 15,650 ft with a true vertical depth of 10,853 ft. Murphy Exploration's headquarters are in El Dorado, Ark.

2 A Petus completion in Bee County (RRC Dist. 2), Texas, produced 1.29 Mcf of gas and 17 bbl of oil and 2 bbl of water per day. San Antonio-based majority shareholder **Millennium Exploration Co.** and 50% partner/operator **Texron Operating LLC's** #1 Uncle George is in Barton Thomas B Survey A-83. The venture was drilled to 4,110 ft. Tested on a 16/64-in. choke, the tubing pressure was 1,060 psi at the Holzmark Field well.

3 IHS Inc. reported that Houston-based **1776 Energy Operators** completed a horizontal Eagle Ford test in Eagleville Field. The #1H Bordovsky Unit

is in Karnes County (RRC Dist. 2), Texas, and flowed 3.363 Mbbbl of 41.9-degree-gravity crude, 2.8 MMcf of gas and 765 bbl of water per day. Production is from acidized perforations at 11,062-15,844 ft. The 15,945-ft well has a true vertical depth of 11,133 ft. The discovery is in Andres Hernandez Survey, A-4, and bottomed one mile to the southeast. In 2013, the Houston-based company completed #1H Niestroy Unit in Andres Hernandez Survey, A-4 flowing 2,755 bbl of 44-degree-gravity crude and 1.2 MMcf of gas per day from Eagle Ford perforations at 11,061-16,732.

4 A horizontal Eagle Ford Shale completion in Eagleville Field was announced by **GulfTex Energy III LP.** The Karnes County (RRC Dist. 2), Texas, well, #1H TBK Unit, produced 1.2 Mbbbl of 42-degree-gravity crude, 868 Mcf of gas and 1.6 Mbbbl of water per day. Production is from acid- and fracture-treated perforations at 11,110-15,301 ft. Tested on a 30/64-in. choke, the flowing tubing pressure was 1,500 psi. The San Antonio-based company's venture was drilled to 15,426 ft, 11,358 ft true vertical, in Nathaniel Reed Survey, A-246. It bottomed nearly one mile to the southeast. A second test is planned at #2H TBK Unit within one mile to the northeast with a proposed true vertical depth of 11,500 ft.

5 **SDG Operating Co.** plans to drill a 10,300-ft East Texas test in Houston County (RRC Dist. 6), Texas, in an area surrounded primarily by Woodbine production. The #1 Riess is on a 40-acre lease in Jesse G. Thompson Survey, A-1021. The permit for the venture, which is awaiting ap-

proval, lists a wildcat target with no other objectives planned. A Woodbine completion is within one mile to the northwest at #2 Bryant Dailey - the 6,300-ft Navarro Crossing Field well was completed in 1997 flowing 141 bbl of crude and 46 Mcf of gas per day through perforations at 5,757-59 ft. Several other Navarro Crossing Field wells are north and east of Tyler, Texas-based SDG Operating's proposed 10,300-ft wildcat. Much of the field production comes from Woodbine at 5,700-5,800 ft.

6 **Chevron Corp.**, according to IHS Inc., has filed an exploration plan for a four-block field prospect in the Keathley Canyon area, on-trend with numerous and

recent Lower Tertiary discoveries. According to the plan, up to 11 exploratory tests could be drilled on the prospect, which is made up of Keathley Canyon Block 370 (OCS G30959), Block 371 (OCS G30960), Block 414 (OCS G26748) and Block 415 (OCS G26749). Area water depth is about 5,500 ft. Thirty miles to the northwest is Chevron's Guadalupe prospect on Block 10 - in the area between Chevron's four-tract prospect and Block 10 drillsite are **BP's** Gila and Tiber Lower Tertiary discoveries. The Gila discovery hit multiple Paleogene-aged reservoir sands after drilling to 29,221 ft. The Tiber discovery on nearby Block 102 was drilled to 35,055 ft and found oil in multiple Lower Tertiary

reservoirs. Chevron's headquarters are in Houston.

7 **Shell Oil** plans to bypass its second Yucatan appraisal test in the ultra-deepwater Gulf of Mexico. The Yucatan discovery, #1 (BP) OCS G31943, hit more than 120 net ft of oil pay. The 2013 wildcat was drilled to 32,250 ft. Shell operates Yucatan with a 70% working interest with **Anadarko Petroleum**, 15% and **Inpex**, 15%. The new venture, #2 (BP) OCS G25234 will be in the northeastern portion of Walker Ridge Block 95 (OCS G31943). The appraisal test is expected to bottom to the east beneath Block 96. The permit indicates that the original hole will be kicked off at 24,710 ft.

Area water depth is 5,860 ft. The Houston-based company's #2 OCS G31943 was drilled in early 2014 from an offsetting Block 95 surface location. It bottomed beneath Block 95.

8 **Anadarko Petroleum Corp.** has received a permit to drill several Shenandoah appraisal tests in the ultra-deepwater Gulf of Mexico. The #2 OCS G25232 will be in the central part of Walker Ridge Block 52 and area water depth 5,874 ft. The 2009 Shenandoah discovery, #1 (BP2) OCS G25232 encountered 300 net ft of oil pay in Lower Tertiary reservoirs. The company's first appraisal test, #2 OCS G31938 on Walker Ridge Block 51, discovered more than

1,000 net ft of oil pay in Lower Tertiary reservoirs. It was drilled in March 2013. On Walker Ridge Block 95 to the south is **Shell Oil's** Lower Tertiary Yucatan discovery. Announced in 2013, #1 (BP) OCS G31943 encountered more than 120 net ft of oil pay after drilling to 32,250 ft.

9 According to the **Southeastern Oil Scout**, **Freeport-McMoran Oil & Gas LLC** has made an oil discovery at #1-Jeanerette Minerals (the Highlander discovery) in the Leonard North area in Section 11-13S-11E, St. Martin Parish, La. The Bayou Long Field well hit 150 net ft of gas pay in numerous Wilcox and Cretaceous sands between 24,000 and 29,000 ft. A

second Inboard Lower Tertiary/Cretaceous prospect is planned by the Houston-based company.

10 A horizontal Tuscaloosa Marine Shale completion was announced by Houston-based **Goodrich Petroleum Corp.** In Amite County, Miss., #1 C.H. Lewis 30-19H had a peak 24-hour average flowrate of 1,450 bbl of oil equivalent per day (1.387 Mbbbl of crude and 377 Mcf of gas per day). Production is from an approximate 6,600-ft lateral and it was fractured in 26 stages. The 18,685-ft venture is in Section 30-2N-6E and bottomed to the north beneath Section 19. Goodrich is underway at several Tuscaloosa Marine Shale wildcats on its Amite County acreage.

11 **Lobo Operating Inc.** has completed a Louisiana state waters development well on Breton Sound Block 32. The #29 State Lease 01227 was tested flowing 1.531 Mbbbl of 39.8-degree-gravity crude, 192 Mcf of gas and 14 bbl of water per day. Production is from Miocene at 6,445-7,178 ft. The 7,178-ft directional well had a true vertical depth of 5,188 ft. About one mile to the northwest, the Covington, La.-based company has also permitted #28 State Lease 01227 - this well has a proposed depth of 11,600 ft and targets Miocene.

All data in the Exploration Highlights section is based on sources believed to be reliable, but its accuracy cannot be guaranteed. The prudent investor intending to act upon any particular data is urged to verify it with all other available sources. In no way should the publication of these items be construed as an express or implied endorsement of a company or its activities. Most land in the U.S. is divided into townships—rectangular tracts six miles square. The township, in turn, is divided into 36 numbered sections, each a one-mile square. The lines running north-south and dividing east from west are called range lines. The lines running east-west and dividing north from south are township lines. A well in Section 15 Township 4 north Range 3 east is abbreviated: 15-4N-3E.

