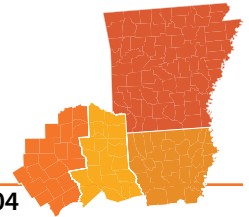




# ARK-LA-TEX SCOUT



Serving the local market with drilling activity, permits & deals for sale

Volume 05, No. 04

## Regional Activity (State Data)

Permits Issued (02/27/17 - 03/20/17)

	Compls	Permits
Arkansas	15	2
North Louisiana	19	36
East Texas (RRC 5)	4	14
East Texas (RRC 6)	11	24
<b>TOTAL</b>	<b>49</b>	<b>76</b>

## Most Active Operators by Permits

1 Indigo Haynesville LLC	7
2 EXCO Operating	6
3 Sheridan Production	5

**18 Total**

## Permits by Formation (by Last Scout)

Formation	03/23	03/02	02/09
Haynesville	30	21	38
Barnett	10	-	-
Cotton Valley	10	5	14
Travis Peak	7	2	10
Pettit	3	3	1
Wilcox	3	2	2
Goodland	2	1	3
Gray	2	-	-
Holt Bryant	2	2	-
Other Formations	7	37	35
<b>TOTAL</b>	<b>76</b>	<b>73</b>	<b>103</b>

Sources: AOGC, SONRIS & TXRRR

**Active Rigs Running (Baker Hughes) 55**

## Exco gets performance uplift in Haynesville

Enhanced completions and longer laterals have driven up type curves for **Exco Resources**, particularly in the southern Shelby area of East Texas (up 73%) and the Holly core of North Louisiana (up 13%). Proppant load is currently 2,700 lb per lateral foot, but Exco plans to move higher to 3,500 lb per foot in 2017.

Over time, the wells have shown sustained improvement. In North Louisiana, long-lateral wells deliver 147% more cumulative volume at 200 days online (2.3 Bcf per 1,000 ft) versus standard-length wells completed

with 1,600 lb of proppant per foot.

COO Harold Jameson said on the Q4 call that the larger completion has “yielded a breakthrough in reservoir performance” in the East Texas Haynesville, which is deeper than in North Louisiana. “This exceptional performance is direct support for higher crude reserve increases in this area. At year-end 2015, the PDP in this area was booked at 1.5 Bcf per 1,000 lateral feet, and we are currently booked at 2.6 Bcf per 1,000, or 73% increase. **Continues On Pg 6**



## PetroQuest launches new initiatives in East Texas

**PetroQuest** is implementing a number of new concepts for the company in its 2017 Cotton Valley program, including longer laterals, tighter spacing, pad drilling and gathering microseismic data. The company will drill eight to 10 Cotton Valley wells this year as part of its \$40-48 million program.

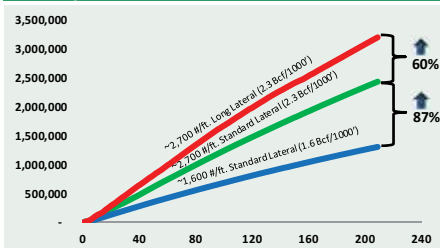
The **PQ #21** well (61% NRI) tested 800-ft well spacing and reached a maximum 24-hour rate of 7.1 MMcf/d. The company believes the well confirms tighter spacing.

PetroQuest’s current 601-well inventory is based on 1,500-ft spacing.

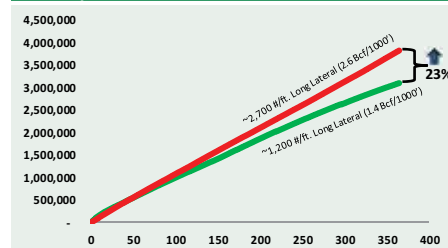
The **PQ #22** well (39% NRI) sports the company’s longest lateral to date at 7,100 ft. The previous longest lateral was 5,300 ft. The well is in initial flowback. The company is currently drilling its first three-well pad—**PQ#23-25** (76% WI). PetroQuest will gather microseismic data on the zipper fracs to provide info on frac height and propagation through a tight sand environment to improve completions.

## Exco gets performance uplift in Haynesville

**NLA Cumulative Gas vs. Time**  
Mcf, Days



**ETX Cumulative Gas vs. Time**  
Mcf, Days



### Well Performance

- Wells with ~2,700 lb/ft completions performance exceeding expectations
- Larger stimulation design having positive impact on existing wells
- Larger completions and longer laterals delivering 147% more volume in approximately 200 days on line in NLA
- Three long lateral wells in NLA turned-to-sales in Q3 '16 averaged \$8.8MM/well
- Larger completions delivering 23% more volume in approximately 350 days online in ETX
- Most recent well TTS in the southern area of ETX in Q1 '16 cost \$10.3MM. This well was drilled in the deepest part of the Haynesville play to a TVD of >14,500'

**NLA Caddo Type Curve Progression**  
2016+; Bcf/1000'



**NLA and ETX wells continue to exceed expectations; pressure decline is currently <10 psi/day and volumes continue to exceed type curve expectations**

Source: Exco Resources March 20, 2017 via PLS docFinder ([www.plsx.com/finder](http://www.plsx.com/finder))

## DEALS FOR SALE

### ARKANSAS & LOUISIANA NONOP

16-Active Wells.  
**VAN BUREN CO., AR** **PLS**  
**CADDO & DE SOTO PH., LA** **PP**  
 Recent Fayetteville IPs: >4.0 MMCFD  
 Recent Cotton Valley IPs: >1,700 BOED  
 Varying NonOperated WI For Sale.  
 Net Production: ~370 MCFED (99% Gas)  
 Fayetteville EUR: 3.0 BCF **NONOP**  
 Cotton Valley EUR: ~1,310 MBOE  
**PP 5790DV**

### RED RIVER PH., LA PROPERTIES

55-Producing Wells. 7,886-Net Acres. **PP**  
**COTTON VALLEY & HAYNESVILLE**  
 36-Operated Wells. 18-NonOperated.  
 Operated & NonOperated WI Available  
 Est Mar 2017 Production: 9.4 MMCFED  
 Est Mar 2017 Cash Flow: \$705,000/Mn **~9.5**  
 Net Proved Rsvs: 412 BCFE **MMCFED**  
 AGENT WANTS OFFERS MAR 29, 2017  
**PP 2857DV**

55 Rigs Running / 76 Permits Issued

Rig Count Provided by Baker Hughes

**FOR SALE** **SELLING NONCORE ASSETS IN THIS REGION?**

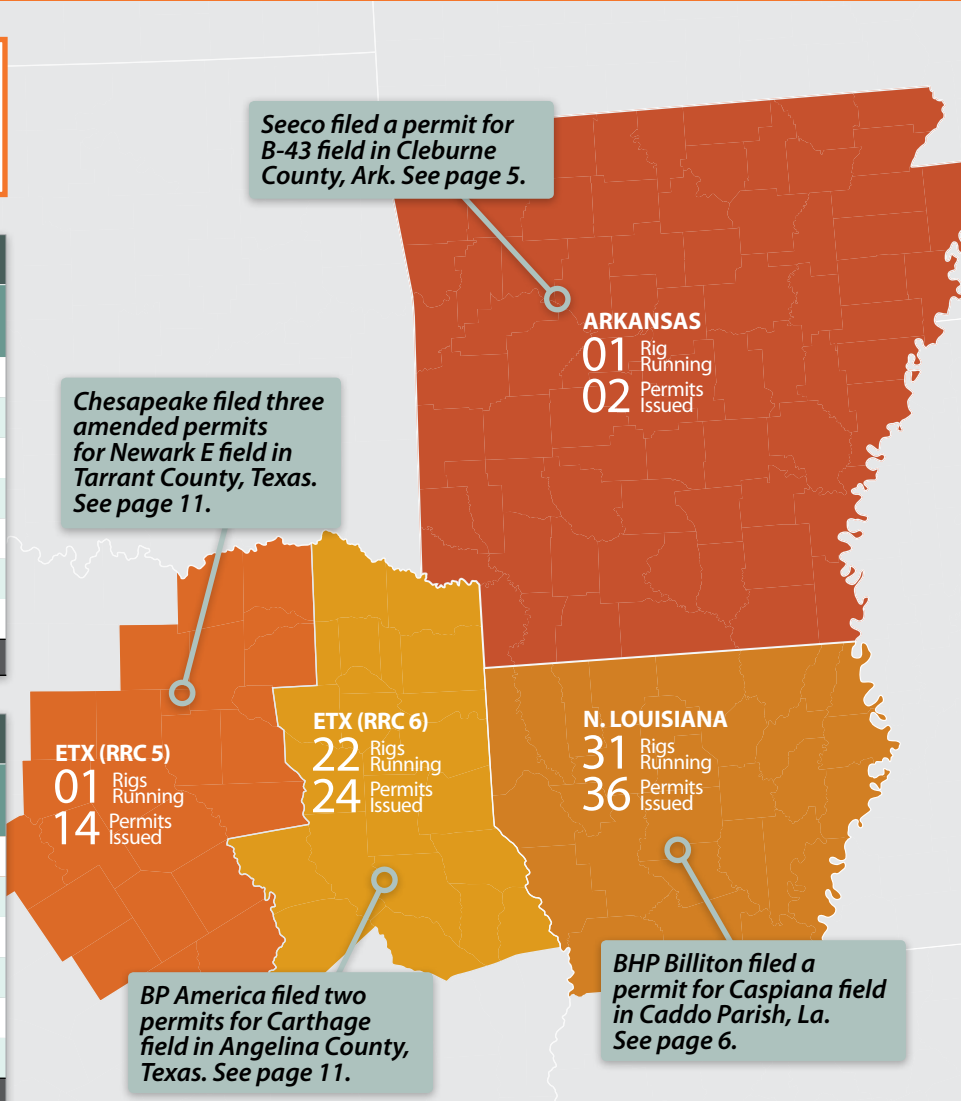
Let PLS divestment arm monetize those assets and maximize the sale price!

ARKANSAS Source: AOGC

Pg	County	BHI Rigs	State Permits
5	Cleburne	-	1
5	Columbia	-	-
5	Franklin	-	-
5	Logan	-	-
5	Union	-	1
6	Van Buren	-	-
6	White	1	-
<b>TOTALS</b>		<b>1</b>	<b>2</b>

EAST TEXAS (RRC 5) Source: TXRRC

Pg	County	BHI Rigs	State Permits
11	Dallas	-	4
11	Falls	-	1
11	Henderson	1	2
11	Robertson	-	1
11	Tarrant	-	6
11	Van Zandt	-	-
<b>TOTALS</b>		<b>1</b>	<b>14</b>



Chesapeake filed three amended permits for Newark E field in Tarrant County, Texas. See page 11.

Seeco filed a permit for B-43 field in Cleburne County, Ark. See page 5.

BP America filed two permits for Carthage field in Angelina County, Texas. See page 11.

BHP Billiton filed a permit for Caspiana field in Caddo Parish, La. See page 6.

**Regional Scouts**

The **Ark-La-Tex Scout**, published every three weeks, includes stories and graphics highlighting local drilling activity, discoveries, new developments plus stats on drilling permits, completions and P&A activity for Arkansas, North Louisiana and East Texas (RRC 5 & 6).

**PLS Inc.**

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EAST TEXAS (RRC 6) Source: TXRRC

Pg	County	BHI Rigs	State Permits
-	Anderson	1	-
11	Angelina	1	2
11	Cass	2	1
11	Cherokee	4	1
12	Gregg	-	1
12	Harrison	1	3
12	Houston	-	1
12	Nacogdoches	2	1
12	Panola	1	8
14	Rusk	3	3
14	San Augustine	6	2
14	Smith	1	1
<b>TOTALS</b>		<b>22</b>	<b>24</b>

NORTH LOUISIANA Source: SONRIS

Pg	Parish	BHI Rigs	State Permits
6	Bienville	-	-
6	Bossier	-	1
6	Caddo	1	7
6	Cameron	-	-
6	Claiborne	-	-
8	DeSoto	18	18
8	Grant	-	2
-	Jackson	1	-
10	LaSalle	-	1
10	Lincoln	6	5
10	Red River	5	-
10	Richland	-	2
10	Winn	-	-
<b>TOTALS</b>		<b>31</b>	<b>36</b>

Operator Index		
	Permits	Pg(s)
Basa Resources	1	12
BHP Billiton	1	6
Bonanza Creek Energy	-	5
BP America	3	11, 14
Breitbart Operating	-	11
Buffco Production	2	11, 14
CCI East TX Upstream LLC	2	12
Chesapeake	4	11
Comstock O&G	2	8
Covey Park Gas LLC	1	8
Covey Park Op	1	11
Covey Park Resources	1	12
Dallas Production	1	12
Denbury	2	10
Energy Reserves Group	-	6
Ensign IV Energy Mgmt	1	8
EXCO Operating	6	6
GEP Haynesville LLC	-	10
GHA Barnett LLC	4	11
Goodrich Petroleum	2	8
Great Lakes Chem Corp	-	5
Gulfport Energy	-	6
Hanna O&G	-	5
Hawkwood Energy	-	11
Indigo Haynesville LLC	7	8
Indigo Minerals LLC	2	8

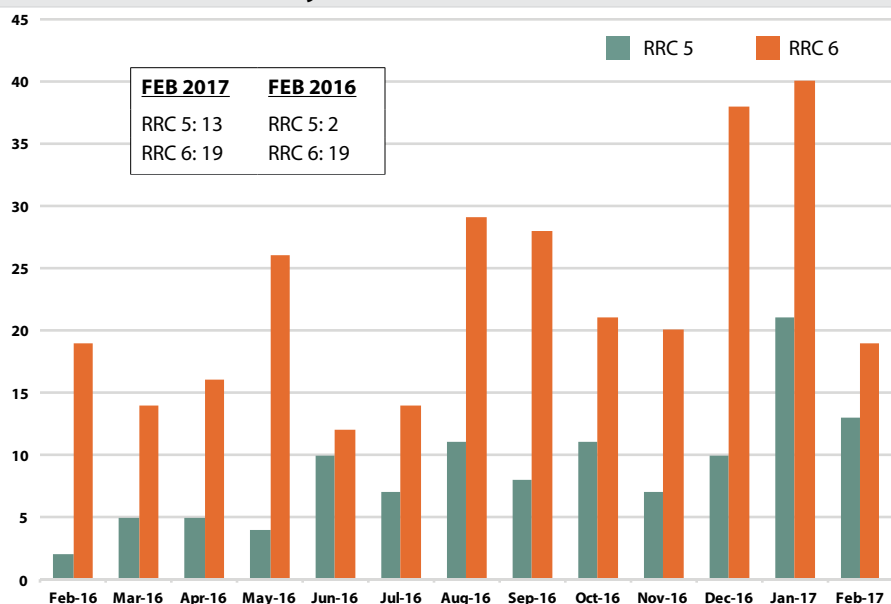
➤ Continues On Next Column

Operator Index		
	Permits	Pg(s)
Jack L Phillips Co	1	12
James Drilling	-	10
Jamex Inc	1	11
Kirby Oil	-	6
KJ Energy	1	14
Linn Operating	2	10
Nadel & Gussman Ruston	1	6, 10
PAR Minerals Corp	1	5
PetroQuest Energy	-	12
R Lacy Svcs Ltd	-	12
Range Louisiana Op	2	10
Rapiere Resources	1	10
Sabine O&G	-	14
Saddle Operating	3	11
SEECO	1	5-6
Sheridan Production	5	12
Sonerra Resources	-	12
Stephens Production	-	5
Sunland Production	2	8
Tanos Exploration	2	6, 12, 14
Three Forks Op	-	11
Valence Operating	3	12, 14
Vantage Energy	-	11
Venture O&G	1	6
Vine O&G	3	8
Walker Operating	1	11
XTO Energy	2	5-6, 11, 14

Ark-La-Tex Quick News

- The Ark-La-Tex region has 55 rigs—53 gas and two oil—running this issue, up from 26 YOY.
- DeSoto Parish, La., is the most active county again with 18 rigs, up from six YOY.
- Cass County, Texas, has two rigs running this issue, up from one YOY.
- Covey Park completed the best well of the issue. Drilled in DeSoto Parish, the Weyerhaeuser 15-22 HC #1-Alt flowed 15.5 MMcf/d on a 20/64-in. choke. The well has a 7,500-ft lateral.
- GEP Haynesville completed a trio of strong gas wells in Red River Parish at Bracky Branch field. The wells averaged 14.1 MMcf/d on a 19/64-in. choke. Their laterals average 5,200 ft.
- Breitbart Operating completed a top Cotton Valley well this issue in Cherokee County, Texas, at Overton field. The Murray-McElroy A #2H testec at 10.7 MMcf/d on a 38/64-in. choke.
- XTO Energy recompleted a strong gas well in San Augustine County, Texas, at Carthage field. Targeting the Haynesville, the BSL Mocs DU #H1 tested at 10.0 MMcf/d on a 15/64-in. choke. The well sports a 6,600-ft lateral and was completed with 10.3 million lb of sand.
- Comstock's six-well 2016 Haynesville program yielded an average IP rate of 24.0 MMcf/d, which is in line with the company's successful 2015 campaign.
- Chesapeake Energy's ROTC 1H well in Caddo Parish may be the best well of recent high-proppant completions at an IP rate of 40.0 MMcf/d. This 10,000-ft lateral was completed with 5,200 lb per foot.
- Range Resources says its recent well results near Terryville field support gas in place of 400 Bcf per section, which is 2.5 times that in Terryville.
- Exco Resources announced that Wilbur Ross has resigned from the board after being confirmed as US secretary of commerce. Anthony R. Horton has been appointed.

East Texas Monthly Permit Count



Source: TXRRRC

Completion Index (04/04/16 - 03/02/17)

Source: PLS DataPortal

County	Operator	Well Name	Field	Location	TD	bo/d	Mcf/d	Oil Grav	Pg
<b>ARKANSAS</b>									
Cleburne	SEECO	Bennett 9-12 #2-1H36	B-43	Sec 1-9N-12W	9,322	-	-	-	5
Columbia	Bonanza Creek Energy	Willis Jameson #4	Dorcheat Macedonia	Sec 20-18S-21W	8,825	-	26	-	5
Columbia	Bonanza Creek Energy	Willis Jameson #6	Dorcheat Macedonia	Sec 20-18S-21W	8,800	8	764	-	5
Franklin	XTO Energy	Blanscet #4-27	Aetna	Sec 27-9N-27W	5,850	-	-	-	5
Logan	Hanna O&G	Cleveland #1-29	B-44	Sec 29-7N-26W	8,648	-	-	-	5
Logan	Stephens Production	USA #1-16H	B-44	Sec 15-6N-25W	9,940	-	3,184	-	5
Union	Great Lakes Chem Corp	Draper #3	El Dorado S	Sec 20-18S-15W	7,828	-	-	-	5
Van Buren	BHP Billiton	Newton Ogle 10-13 #2-14H11	B-43	Sec 14-10N-13W	8,444	-	-	-	6
Van Buren	BHP Billiton	Sullivan 10-13 #3-15H	B-43	Sec 15-10N-13W	8,736	-	-	-	6
Van Buren	SEECO	Charles Hall 09-13 #1-30H	B-43	Sec 30-9N-13W	8,350	-	-	-	6
Van Buren	SEECO	Johnson Fam Trust 9-13 #8-16H	B-43	Sec 16-9N-13W	8,542	-	-	-	6
Van Buren	SEECO	Linda Bartlett 10-12 #1-27H	B-43	Sec 27-10N-12W	8,122	-	-	-	6
White	BHP Billiton	Paxton 8-9 #1-29H	B-43	Sec 29-8N-9W	9,950	-	-	-	6
White	BHP Billiton	Pennington 8-6 #5-19H18	B-43	Sec 19-8N-6W	11,287	-	-	-	6
White	BHP Billiton	Virginia Cobb 8-7 #1-21H17	B-43	Sec 21-8N-7W	11,354	-	-	-	6
<b>NORTH LOUISIANA</b>									
Bienville	Tanos Exploration	A W Woodard #1-Alt	Ada	Sec 25-18N-8W	9,660	10	3,693	50.0°	6
Bienville	Tanos Exploration	Woodard Walker Q #1-Alt	Ada	Sec 23-18N-8W	9,500	5	1,329	53.2°	6
Bossier	XTO Energy	Swain #1	Ivan	Sec 27-21N-11W	11,550	1	32	47.4°	6
Caddo	Kirby Oil	J D Briggs Fee #69	Caddo Pine Island	Sec 30-22N-15W	1,085	8	-	21.0°	6
Cameron	Gulfport Energy	Hilcorp Fee 15 #3	Hackberry W	Sec 15-12S-10W	6,031	104	17	38.0°	6
Claiborne	Energy Reserves Group	Baucum Estate #1	Oaks	Sec 2-22N-7W	11,000	60	100	56.0°	6
Claiborne	Nadel & Gussman Ruston	Seward-Gandy 20 #1	Leatherman Creek	Sec 20-19N-7W	13,304	-	115	-	6
DeSoto	Covey Park Gas LLC	Weyerhaeuser 15-22 HC #1-Alt	Bethany Longstreet	Sec 15-13N-15W	19,308	-	15,533	-	8
Red River	GEP Haynesville LLC	McFarms Etal 28H #1-Alt	Bracky Branch	Sec 33-14N-10W	17,741	-	14,210	-	10
Red River	GEP Haynesville LLC	McFarms Etal 28H #2-Alt	Bracky Branch	Sec 33-14N-10W	17,770	-	14,421	-	10
Red River	GEP Haynesville LLC	McFarms Etal 28H #3-Alt	Bracky Branch	Sec 33-14N-10W	17,834	-	13,566	-	10
Richland	Denbury	Delhi UT #118-2	Delhi	Sec 21-17N-9E	3,540	3	-	49.0°	10
Richland	Denbury	Delhi UT #159-1	Delhi	Sec 30-17N-9E	3,329	19	-	49.0°	10
Winn	James Drilling	Cavenham C 20 #25	Salt	Sec 20-10N-1E	1,427	3	-	21.0°	10
Winn	James Drilling	Cavenham C 20 #27	Salt	Sec 20-10N-1E	1,423	3	-	21.0°	10
Winn	James Drilling	Cavenham C 20 #29	Salt	Sec 20-10N-1E	1,457	3	-	21.0°	10
Winn	James Drilling	Cavenham C 20 #39	Salt	Sec 20-10N-1E	1,422	3	-	21.0°	10
Winn	James Drilling	Cavenham C 20 #44	Salt	Sec 20-10N-1E	1,440	3	-	21.0°	10
Winn	James Drilling	Cavenham C-20 #41	Salt	Sec 20-14N-1E	1,486	2	-	21.0°	10
<b>EAST TEXAS (RRC 5)</b>									
Robertson	Hawkwood Energy	B Blazek Unit #1H	Aguila Vado	L Robertson A-39	12,100	118	15	35.0°	11
Tarrant	Vantage Energy	Lenox #10H	Newark E	L Ramey A-1336	12,755	-	4,595	-	11
Tarrant	Vantage Energy	Lenox #20H	Newark E	L Ramey A-1336	13,982	-	3,711	-	11
Van Zandt	Three Forks Op	Browning #1	Van W	Nacogdoches CSL A-620	7,889	37	5	37.0°	11
<b>EAST TEXAS (RRC 6)</b>									
Cherokee	Breitburn Operating	Murray-McElroy A #2H	Overton	E Gee A-20	18,537	375	8,464	55.7°	11
Harrison	Valence Operating	George Robertson #4H	Beckville	B Anderson A-29	17,090	6	2,764	50.5°	12
Nacogdoches	Sonerra Resources	Moon Pie #22	Nacogdoches	J M Mora A-827	418	0.3	-	20.0°	12
Panola	PetroQuest Energy	Medlin-Youngblood #2H	Carthage	P R Wilson A-750	15,101	15	5,790	49.2°	12
Panola	R Lacy Svcs Ltd	Harold Wilson #1	Briggs	T D Matthews A-458	9,925	15	55	36.0°	12
Panola	Valence Operating	Coleman #2	Carthage	J B Butler A-82	11,635	8	1,480	48.5°	14
Panola	Valence Operating	Daniels Oil Unit #1	Carthage	R Willis A-741	6,650	-	71	-	14
Rusk	BP America	Billy Neal Rogers Gas Unit #1	Minden	John Frazier A-289	7,936	-	6	-	14
Rusk	Sabine O&G	Gray GU 1 #1	Oak Hill	J B Read A-678	10,900	-	33	-	14
San Augustine	XTO Energy	BSI Mocs DU #H1	Carthage	D B Sowell A-367	21,323	-	10,048	-	14
Smith	Valence Operating	Little John #7H	Chapel Hill	W Cox A-233	17,276	13	3,760	-	14

Order This Data Online, PLS Offers Stats Electronically


Top Operators (02/27/17 - 03/20/17)	Permits
<b>ARKANSAS: Top 2 (2 of 2 Permits)</b>	
PAR Minerals Corp	1
SEECO	1
<b>N. LOUISIANA: Top 10 (30 of 36 Permits)</b>	
Indigo Haynesville LLC	7
EXCO Operating	6
Vine O&G	3
Comstock O&G	2
Denbury	2
Goodrich Petroleum	2
Indigo Minerals LLC	2
Linn Operating	2
Range Louisiana Op	2
Sunland Production	2
<b>ETX (RRC 5): Top 6 (14 of 14 Permits)</b>	
Chesapeake	4
GHA Barnett LLC	4
Saddle Operating	3
Covey Park Op	1
Walker Operating	1
XTO Energy	1
<b>ETX (RRC 6): Top 10 (21 of 24 Permits)</b>	
Sheridan Production	5
BP America	3
Valence Operating	3
Buffco Production	2
CCI East TX Upstream LLC	2
Tanos Exploration	2
Jack L Phillips Co	1
Jamex Inc	1
KJ Energy	1
XTO Energy	1
<b>TOTAL</b>	<b>76</b>

Sources: AOGC, SONRIS & TXRRC

Top Counties (02/27/17 - 03/20/17)	Permits	BHI Rigs
<b>ARKANSAS: Top 2 (2 of 2 Permits)</b>		
Cleburne	1	-
Union	1	-
<b>N. LOUISIANA: Top 7 (36 of 36 Permits)</b>		
DeSoto	18	18
Caddo	7	1
Lincoln	5	6
Grant	2	-
Richland	2	-
Bossier	1	-
LaSalle	1	-
<b>ETX (RRC 5): Top 5 (14 of 14 Permits)</b>		
Tarrant	6	-
Dallas	4	-
Henderson	2	1
Falls	1	-
Robertson	1	-
<b>ETX (RRC 6): Top 11 (24 of 24 Permits)</b>		
Panola	8	1
Harrison	3	-
Rusk	3	3
Angelina	2	1
San Augustine	2	6
Cass	1	2
Cherokee	1	4
Gregg	1	-
Houston	1	-
Nacogdoches	1	2
Smith	1	1
<b>TOTAL</b>	<b>76</b>	<b>55</b>

Sources: Baker Hughes, AOGC, SONRIS & TXRRC

ARKANSAS PERMITS

**CLEBURNE**  
 ☀️ **SEECO.** Workover. Bennett 9-12 #2-1H36. 03-023-10419. B-43 Field. Fayetteville. HZ. Gas. Workover 02/24/17. Orig Compl 02/24/11. 259' FSL & 781' FWL of Sec 1-9N-12W; BHL 557' FSL & 1266' FWL of Sec 1. TD 9,322'.  Perf'd 4128'-9250'.

15,700' Permit. Strain 9-11 #2-36H25. 03-023-11252. B-43 Field. Moorefield. HZ. Gas. 342' FSL & 1650' FWL of Sec 36-9N-11W; PBHL 490' FNL & 1435' FWL of Sec 25. PTVD 5,293'. 640 Acres. Issued 03/13/17.

**COLUMBIA**

● **Bonanza Creek Energy.** Workover. Willis Jameson #4. 03-027-12030. Dorcheat Macedonia Field. Cotton Valley. Oil. Workover 02/15/17. Orig Compl 09/19/14. Sec 20-18S-21W. TD 8,825'. Perf'd 6865'-8620'. FTP 350 PSI. CP 60 PSI. Pumped 26 Mcf/d.  
 ● Workover. Willis Jameson #6. 03-027-12071. Dorcheat Macedonia Field. Cotton Valley. Oil. Workover 02/22/17. Orig Compl 04/22/15. Sec 20-18S-21W. TD 8,800'. Perf'd 6767'-8733'. FTP 340 PSI. CP 370 PSI. GOR 95,500:1. Pumped 8 bo/d & 764 Mcf/d.

**FRANKLIN**

☀️ **XTO Energy.** Recompletion. Blanscet #4-27. 03-047-11029. Aetna Field. Casey, Dunn A & Ralph. Gas. Recompleted 02/23/17. 1700' FNL & 2600' FWL of Sec 27-9N-27W. TD 5,850'. Surf Casing 11.75" to 533' & Prod Casing 4.5" to 5834'. Perf'd 3911'-5722'. PBTD 5,778'.

**LOGAN**

☀️ **Hanna O&G.** Re-instated. Cleveland #1-29. 03-083-11413. B-44 Field. M Atoka. Gas. Re-instated 03/02/17. Orig Compl 04/10/12. 580' FNL & 920' FEL of Sec 29-7N-26W. TD 8,648'. Perf'd 4937'-5834'.

☀️ **Stephens Production.** Completion. USA #1-16H. 03-083-11427. B-44 Field. M Atoka. HZ. Gas. Completed 02/06/17. Orig Permit 11/15/16. 834' FNL & 592' FWL of Sec 15-6N-25W; BHL 842' FNL & 1799' FWL of Sec 16. TD 9,940'. Surf Casing 9.625" to 826'; Int Casing 7" to 6621' & Prod Casing 4.5" to 9919'. Perf'd 6418'-9708'. PBTD 9,798'. Choke 16/64-in. FTP 1,865 PSI. Flowed 3,184 Mcf/d. 16,980 70% Q N2 Foam 1,744,187 Lbs Sd.

**UNION**

⚠️ **Great Lakes Chem Corp.** Completion. Draper #3. 03-139-13539. El Dorado S Field. Smackover. SWD. Completed 03/02/17. Orig Permit 10/25/16. 469' FNL & 1528' FWL of Sec 20-18S-15W. TD 7,828'. Surf Casing 13.375" to 1756' & Prod Casing 9.625" to 7810'. Perf'd 7628'-7770'. PBTD 7,810'. 15K Gals Accd.

**PAR Minerals Corp.** 3,700' Permit. Mayfield 16-3 #1. 03-139-13542. Wildcat. Rodessa. Oil. 523' FNL & 1734' FWL of Sec 16-18S-17W. Issued 03/03/17.

Ark-La-Tex Rig Count (by County/Parish)	This Wk	Last Wk	Last Month	Last Qtr	6 Mos Ago	Last Year	Δ	%Δ
DeSoto, LA	18	17	15	10	5	6	12	200%
Lincoln, LA	6	6	5	3	3	6	-	0%
San Augustine, TX	6	6	6	2	2	3	3	100%
Red River, LA	5	5	5	3	2	3	2	67%
Cherokee, TX	4	2	2	1	-	1	3	300%
Rusk, TX	3	3	2	-	1	-	3	-
Cass, TX	2	2	2	-	-	1	1	100%
Nacogdoches, TX	2	2	1	2	1	-	2	-
Anderson, TX	1	1	1	-	-	-	1	-
Angelina, TX	1	1	1	-	1	-	1	-
Caddo, LA	1	1	1	2	1	1	-	0%
Harrison, TX	1	1	1	2	-	-	1	-
Henderson, TX	1	1	-	1	2	1	-	0%
Jackson, LA	1	1	1	3	2	-	1	-
Others	3	5	7	14	6	4	-1	-25%
<b>TOTALS</b>	<b>55</b>	<b>54</b>	<b>50</b>	<b>43</b>	<b>26</b>	<b>26</b>	<b>29</b>	<b>112%</b>

Source: Baker Hughes

## ARKANSAS PERMITS

### VAN BUREN

☀ **BHP Billiton.** Workover. Newton Ogle 10-13 #2-14H11. 03-141-10923. B-43 Field. Fayetteville. HZ. Gas. Workover 02/26/17. Orig Compl 06/06/10. 200' FSL & 2147' FEL of Sec 14-10N-13W; BHL 500' FSL & 2336' FEL of Sec 14. TD 8,444'. Perf'd 3220'-8032'. PBDT 8,348'.

☀ Workover. Sullivan 10-13 #3-15H. 03-141-10873. B-43 Field. Fayetteville. HZ. Gas. Workover 02/28/17. Orig Compl 12/21/09. 100' FSL & 1930' FEL of Sec 15-10N-13W; BHL 499' FNL & 711' FWL of Sec 15. TD 8,736'. Perf'd 3700'-8630'. PBDT 8,638'.

#### SEECO. 3 Workovers.



#### ■ B-43 Field (Fayetteville)

☀ Workover. Charles Hall 09-13 #1-30H. 03-141-10204. HZ. Gas. Workover 01/10/17. Orig Compl 12/03/07. 612' FSL & 616' FWL of Sec 30-9N-13W; BHL 4793' FSL & 907' FWL of Sec 30. TD 8,350'. Perf'd 4569'-6763'.

☀ Workover. Johnson Family Trust 9-13 #8-16H. 03-141-11024. HZ. Gas. Workover 03/02/17. Orig Compl 10/27/10. 362' FSL & 975' FEL of Sec 16-9N-13W; BHL 4902' FSL & 882' FEL of Sec 16. TD 8,542'. Perf'd 4421'-8443'. PBDT 8,506'.

☀ Workover. Linda Bartlett 10-12 #1-27H. 03-141-10538. HZ. Gas. Workover 02/11/17. Orig Compl 09/08/08. 21' FSL & 1055' FWL of Sec 27-10N-12W; BHL 4679' FSL & 1182' FWL of Sec 27. TD 8,122'. Perf'd 4037'-8014'.

### WHITE

#### BHP Billiton. 3 Workovers.

#### ■ B-43 Field (Fayetteville)

☀ Workover. Paxton 8-9 #1-29H. 03-145-10448. HZ. Gas. Workover 02/25/17. Orig Compl 01/05/09. 325' FSL & 855' FEL of Sec 29-8N-9W; BHL 512' FNL & 583' FEL of Sec 29. TD 9,950'. Perf'd 5999'-9850'. PBDT 9,860'.

☀ Workover. Pennington 8-6 #5-19H18. 03-145-10766. HZ. Gas. Workover 02/02/17. Orig Compl 11/29/09. 219' FSL & 1985' FEL of Sec 19-8N-6W; BHL 637' FSL & 2131' FWL of Sec 19. TD 11,287'. Perf'd 5947'-11178'. PBDT 11,186'.

☀ Workover. Virginia Cobb 8-7 #1-21H17. 03-145-10821. HZ. Gas. Workover 02/04/17. Orig Compl 01/04/10. 200' FSL & 1490' FWL of Sec 21-8N-7W; BHL 438' FSL & 1770' FEL of Sec 21. TD 11,354'. Perf'd 5323'-11254'. PBDT 11,264'.

## Exco Resources ◀ Cont'd From Pg 1

This is a significant change.” He added that Exco will incorporate the area into its development program earlier than expected because of this.

Exco will drill five wells in North Louisiana in Q1, turning them to sales in Q2-Q3. One will be a Bossier well to evaluate the formation. The company's East Texas activity will be limited to participation in wells drilled by third parties. **PLS**

## NORTH LOUISIANA PERMITS

### BIENVILLE

☀ **Tanos Exploration.** Completion. A W Woodard #1-Alt. 17-013-22152. Ada Field. Hosston B. Gas. Completed 01/05/17. Orig Permit 09/07/16. 579' FSL & 1209' FWL of Sec 25-18N-8W. Spud 11/21/16. TD 9,660'. TVD 9,657'. Perf'd 7789'-9290'. Choke 30/64-in. CP 1,312 PSI. Oil Grav 50° API. GOR 369,300:1. Flowed 10 bo/d & 3,693 Mcf/d.

☀ Recompletion. Woodard Walker Q #1-Alt. 17-013-21182. Ada Field. Hosston. Gas. Recompleted 10/20/16. Orig Compl 03/31/00. 1840' FSL & 1025' FWL of Sec 23-18N-8W. Spud 01/24/00. TD 9,500'. Perf'd 7002'-7234'. PBDT 7,250'. Choke 48/64-in. CP 108 PSI. Oil Grav 53.2° API. GOR 265,800:1. Flowed 5 bo/d & 1,329 Mcf/d.

### BOSSIER

**Venture O&G.** 9,000' Permit. Hawthorne #27. 17-015-88157. Arkana Field. Cotton Valley D. O&G. 2123' FSL & 2002' FWL of Sec 27-23N-13W. Issued 03/20/17.

☀ **XTO Energy.** Recompletion. Swain #1. 17-015-20857. Ivan Field. Cotton Valley. Gas. Recompleted 12/06/16. Sec 27-21N-11W. Spud 01/23/76. TD 11,550'. Perf'd 9464'-9666'. PBDT 9,854'. Choke 48/64-in. FTP 45 PSI. CP 735 PSI. Oil Grav 47.4° API. GOR 35,555:1. Flowed 1 bo/d & 32 Mcf/d.

### CADDO

**BHP Billiton.** 17,962' Permit. D Richlen 18-7-6HC #1-Alt. 17-017-36085. Caspiana Field. Haynesville. HZ. Gas. 279' FNL & 2154' FEL of Sec 18-15N-12W; PBHL 410' FSL & 750' FEL of Sec 6. PTVD 11,715'. Issued 03/06/17.

#### EXCO Operating. 6 HZ Permits.

■ **Bethany Longstreet Field (Haynesville)**  
 17,500' Permit. Crow 8 #2-Alt. 17-017-36091. Gas. 336' FNL & 2098' FWL of Sec 8-14N-15W; PBHL 225' FSL & 2320' FEL of Sec 8. PTVD 13,500'. Issued 03/08/17.

17,500' Permit. Crow 8 #3-Alt. 17-017-36087. Gas. 135' FNL & 488' FEL of Sec 8-14N-15W; PBHL 225' FSL & 970' FEL of Sec 8. PTVD 13,500'. Issued 03/07/17.

17,500' Permit. Estes 8 #1-Alt. 17-017-36088. Gas. 300' FNL & 791' FWL of Sec 8-14N-15W; PBHL 225' FSL & 380' FWL of Sec 8. PTVD 13,500'. Issued 03/07/17.

21,000' Permit. Lemac Farms 7-6 HC #1-Alt. 17-017-36086. Gas. 260' FSL & 1263' FEL of Sec 7-14N-15W; PBHL 1900' FNL & 850' FEL of Sec 6. PTVD 13,500'. Issued 03/07/17.

21,000' Permit. Lemac Farms 7-6 HC #2-Alt. 17-017-36089. Gas. 259' FSL & 1313' FEL of Sec 7-14N-15W; PBHL 1900' FNL & 2320' FEL of Sec 6. PTVD 13,500'. Issued 03/07/17.

22,000' Permit. Red Oak Timber 6-7HC #1-Alt. 17-017-36090. Gas. 305' FNL & 1828' FWL of Sec 6-14N-15W; PBHL 225' FSL & 1630' FWL of Sec 7. PTVD 13,500'. Issued 03/07/17.

● **Kirby Oil.** Completion. J D Briggs Fee #69. 17-017-36011. Caddo Pine Island Field. Nacatoch. Oil. Completed 02/03/17. Orig Permit 08/22/16. 1394' FNL & 1120' FEL of Sec 30-22N-15W. Spud 01/31/17. TD 1,085'. Perf'd 1077'-1085'. Oil Grav 21° API. Pumped 8 bo/d.

### CAMERON

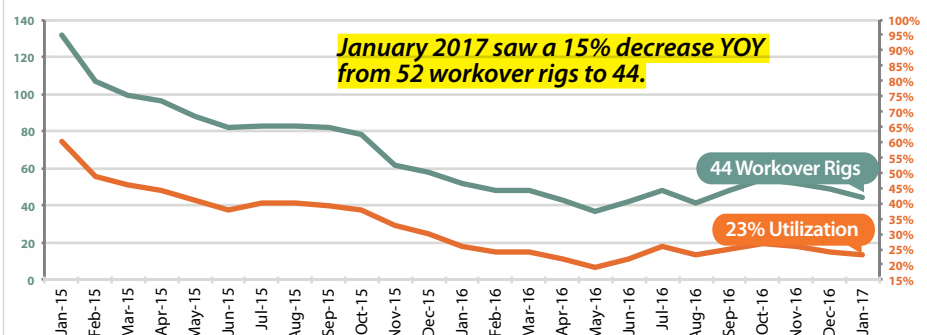
● **Gulfport Energy.** Recompletion. Hilcorp Fee 15 #3. 17-023-23166. Hackberry W Field. Amphistegina Sand. Oil. Recompleted 12/08/16. Orig Compl 11/27/13. Sec 15-12S-10W. Spud 10/16/13. TD 6,031'. TVD 5,967'. Perf'd 5632'-5698' (2). PBDT 5,768'. Choke 15/64-in. FTP 360 PSI. CP 970 PSI. Oil Grav 38° API. GOR 163:1. Gas Lifted 104 bo/d & 17 Mcf/d.

### CLAIBORNE

● **Energy Reserves Group.** Recompletion. Baucum Estate #1. 17-027-22535. Oaks Field. Cotton Valley. Oil. Recompleted 01/17/17. Orig Compl 05/01/13. 960' FNL & 1890' FWL of Sec 2-22N-7W. Spud 03/26/13. TD 11,000'. Perf'd 8894'-9236'. PBDT 10,300'. Choke 64/64-in. FTP 75 PSI. CP 75 PSI. Oil Grav 56° API. GOR 1,667:1. Pumped 60 bo/d & 100 Mcf/d.

☀ **Nadel & Gussman Ruston.** Recompletion. Seward-Gandy 20 #1. 17-027-22567. Leatherman Creek Field. L Cotton Valley. Gas. Recompleted 01/18/17. Orig Compl 01/23/15. 800' FSL & 800' FEL of Sec 20-19N-7W. Spud 10/04/14. TD 13,304'. TVD 13,185'. Perf'd 11218'-11224'. PBDT 13,173'. Choke 16/64-in. FTP 150 PSI. CP 800 PSI. Gas Lifted 115 Mcf/d.

## Ark-La-Tex Workover Rig Count



Source: GUIBERSON / Association of Energy Service Companies (AESG)

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The image shows a hand interacting with a tablet displaying the docFinder Advanced Search interface. The interface includes a search bar, filters for 'Well Cost SMM (D+C) under 7', 'IRR% over 30', and 'EUR 1M/bbl between 4 and 11'. It also displays a list of standard tags such as 'Acquisitions & Divestitures', 'Prospects & Geology', and 'Land & Legal'. A yellow circular call to action is overlaid on the bottom right of the tablet screen.

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## DEALS FOR SALE

### ARKANSAS ACREAGE FOR LEASE

14,000-Acres.

MILLER COUNTY

All Depths Included.

Located In Active Brown Dense Play.

TERMS NEGOTIABLE

Reasonably Priced.

Will Entertain Different Structures.

**L 5032DV**

L

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### SOUTH ARKANSAS PROSPECT

>30,000-Acres.

SMACKOVER

Recent Oil Field Discovery.

Target Depths: 4,700 Ft. - 5,700 Ft.

40 Acre Spacing Per Well.

SEEKING DRILLING PARTNER **SMACKOVER**

Potential Cumulative Prod: 3.0 BBO

85% OF PROSPECT HAS BEEN SOLD

**DV 2164**

DV

Call PLS

### UNION CO., AR PROSPECT

6-Potential Wells. +/-180-Acres.

ARK-LA-TEX SHALLOW OIL

Tuscaloosa, Hill Sand & Petteet Objectives

Proposed Target Depth 4,100 Ft.

100% Working Interest; 78% NRI

Est Potential Rsrvs: 545 MBO - 1.98 MMBO

3 Year Lease Term With 2 Year Option.

DHC: \$ 215,000; Compl: \$227,700

**DV 2373**

DV

TUSCALOOSA

DEALS FOR SALE

### CHEROKEE CO., TX PROSPECT

3-Potential Wells. 1,991-Acres.

EAST TEXAS BASIN - **RODESSA**

Lower Gloyd At 9,400 Ft.

Defined By Subsurface Geology

80% OPERATED WI; 75% NRI

Est Net Rsrvs: 44.8 MBO & 4.48 BCF/Well

Est Project Rsrvs: 100 MBO & 12 BCF

DHC: \$530,000; COMPL: \$400,000

**DV 2219**

DV

RODESSA

### EAST TEXAS BASIN LEASEHOLD

~23,300-Gross Acres. ~10,722-Net Acres.

SMITH & VAN ZANDT COUNTIES

16 ACTIVE AREA PERMITS (6 HZ)

Possible Paluxy, Goodland Lime, Glen

-- Rose and Rodessa Targets

16.667-25% ROYALTY INTEREST

Area Operators: Comstock, Union Oil,

Company Of California, Valence & XTO

**L 2408RR**

L

ROYALTY

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## NORTH LOUISIANA PERMITS

### DESOTO

**Comstock O&G.** 22,000' Permit. **Bogle** 36-1 HC #2-Alt. 17-031-26445. **Logansport Field.**



Haynesville. Horizontal.

Gas. 2031' FNL & 733' FWL of Sec 36-12N-16W; PBHL 330' FSL & 1320' FWL of Sec 1. PTVD 13,000'. Issued 03/09/17.

18,000' Permit. **Derrick 21 HZ #2-Alt.** 17-031-26446. **Bethany Longstreet Field.** Haynesville. HZ. Gas. 591' FSL & 384' FWL of Sec 21-13N-15W; PBHL 330' FNL & 380' FWL of Sec 21. PTVD 13,000'. Issued 03/09/17.

**Covey Park Gas LLC.** Completion. **Weyerhaeuser 15-22 HC #1-Alt.** 17-031-26354. **Bethany Longstreet Field.** Haynesville B. HZ. Gas. Completed 01/04/17. Orig Permit 08/22/16. 2415' FNL & 1569' FWL of Sec 15-13N-15W; BHL 330' FSL & 1624' FWL of Sec 22. Spud 09/02/16. TD 19,308'. TVD 11,730'. Perf'd 12222'-19152'. PBTD 19,215'. Choke 20/64-in. CP 7,809 PSI. Flowed 15,533 Mcf/d.

20,500' Permit. **Tucker 31-30 HC #1-Alt.** 17-031-26449. **Bethany Longstreet Field.** Haynesville. HZ. Gas. 2140' FNL & 654' FWL of Sec 31-14N-15W; PBHL 330' FNL & 380' FWL of Sec 30. PTVD 11,995'. Issued 03/10/17.

**Ensign IV Energy Mgmt.** 11,600' Permit. **Hall 30 #1.** 17-031-26453. **Caspiana Field.** Haynesville. HZ. Gas. 572' FSL & 505' FEL of Sec 30-15N-13W. Issued 03/16/17.

**Goodrich Petroleum.** 22,213' Permit. **Franks 25&24 HC #1-Alt.** 17-031-26450. **Bethany Longstreet Field.** Haynesville. HZ. Gas. 250' FNL & 546' FEL of Sec 36-14N-16W; PBHL 230' FNL & 541' FEL of Sec 24. PTVD 11,732'. Issued 03/14/17.

22,265' Permit. **Wurtsbaugh 25&24 HC #1-Alt.** 17-031-26451. **Bethany Longstreet Field.** Haynesville. HZ. Gas. 223' FNL & 1051' FWL of Sec 36-14N-16W; PBHL 230' FNL & 2512' FWL of Sec 24. PTVD 11,716'. Issued 03/14/17.

**Indigo Haynesville LLC. 7 HZ Permits.**

**Belle Bower Field (Haynesville)** 23,000' Permit. **RMSY 34&27&22-13-16 H #1.** 17-031-26454. Gas. 2433' FNL & 1308' FWL of Sec 34-13N-16W; PBHL 2320' FSL & 1320' FWL of Sec 22. PTVD 12,500'. Issued 03/17/17.

23,000' Permit. **RMSY 34&27&22-13-16 H #2.** 17-031-26455. Gas. 2433' FNL & 1278' FWL of Sec 34-13N-16W; PBHL 2320' FSL & 440' FWL of Sec 22. PTVD 12,500'. Issued 03/17/17.

23,000' Permit. **RMSY 34&27&22-13-16 H #3.** 17-031-26456. Gas. 2423' FNL & 2306' FWL of Sec 32-13N-16W; PBHL 2320' FSL & 2200' FWL of Sec 22. PTVD 12,500'. Issued 03/17/17.

23,000' Permit. **RMSY 34&27&22-13-16 H #4.** 17-031-26457. Gas. 2423' FNL & 2276' FWL of Sec 34-13N-16W; PBHL 2320' FSL & 2200' FWL of Sec 22. PTVD 12,500'. Issued 03/17/17.



### Spider Field (Haynesville)

20,500' Permit. **Coval 20&17-11-14 H #1.** 17-031-26452. Gas. 2659' FNL & 957' FWL of Sec 20-11N-14W; PBHL 330' FNL & 1320' FWL of Sec 17. PTVD 12,000'. Issued 03/16/17.

22,500' Permit. **YBLD 9&16-11-14 H #1.** 17-031-26443. Gas. 288' FNL & 1061' FEL of Sec 9-11N-14W; PBHL 330' FSL & 1320' FEL of Sec 16. PTVD 12,000'. Issued 03/09/17.

22,500' Permit. **YBLD 9&16-11-14 H #2.** 17-031-26444. Gas. 288' FNL & 1031' FEL of Sec 9-11N-14W; PBHL 330' FSL & 440' FEL of Sec 16. PTVD 12,000'. Issued 03/09/17.

**Indigo Minerals LLC.** 18,500' Permit. **HWRD 3&10-14-13 HC #1-Alt.** 17-031-26447. **Kingston Field.** **Cotton Valley.** Horizontal. Gas. 1652' FSL & 587' FWL of Sec 3-14N-13W; PBHL 330' FSL & 440' FWL of Sec 10. PTVD 10,000'. Issued 03/10/17.

18,000' Permit. **HWRD 3&10-14-13 HC #2-Alt.** 17-031-26448. **Kingston Field.** **Cotton Valley.** HZ. Gas. 1652' FSL & 617' FWL of Sec 3-14N-13W; PBHL 330' FSL & 1320' FWL of Sec 10. PTVD 10,000'. Issued 03/10/17.

**Vine O&G. 3 HZ Permits.**

### Brushy Bayou Field (Haynesville)

19,000' Permit. **Ivory Work 14-23HC #1-Alt.** 17-031-26442. Gas. 459' FSL & 975' FWL of Sec 11-11N-12W; PBHL 430' FNL & 380' FEL of Sec 23. PTVD 12,800'. Issued 03/08/17.

19,000' Permit. **LA Min 14-23 HC #1-Alt.** 17-031-26440. Gas. 607' FSL & 494' FWL of Sec 12-11N-12W; PBHL 430' FNL & 450' FEL of Sec 23. PTVD 12,800'. Issued 03/08/17.

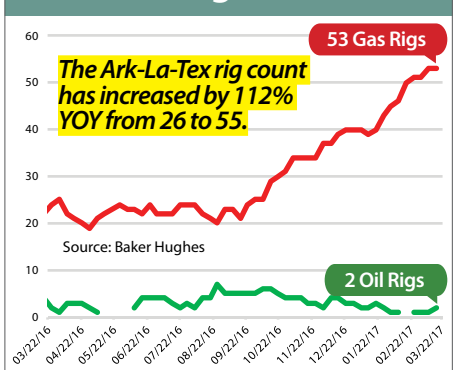
19,000' Permit. **Rocking G 23-14 HC #1-Alt.** 17-031-26441. Gas. 295' FNL & 1885' FEL of Sec 23-11N-12W; PBHL 230' FNL & 1300' FEL of Sec 14. PTVD 12,800'. Issued 03/08/17.

### GRANT

**Sunland Production.** 4,032' Permit. **Blackstone 22 #1.** 17-043-20684. **Wildcat.** **Wilcox F.** Dir. Oil. 614' FSL & 620' FWL of Sec 22-8N-3W; PBHL 460' FSL & 330' FWL of Sec 22. PTVD 4,000'. Issued 03/15/17.

4,500' Permit. **Nation #2.** 17-043-20424. **Black Creek Field.** **Wilcox.** Dir. Oil. 822' FNL & 106' FWL of Sec 12-7N-3W; PBHL 330' FNL & 330' FWL of Sec 12. PTVD 4,437'. Issued 03/14/17.

## Oil & Gas Targets





Ark-La-Tex Deals For Sale

### Ark-La-Tex PLS Listings

Region	#
Arkansas	5
East Texas (RRC 5)	6
East Texas (RRC 6)	16
North Louisiana	19
<b>TOTAL</b>	<b>46</b>

Visit [www.plsx.com/listings](http://www.plsx.com/listings) for all Ark-La-Tex deals.

### Deals For Sale in This Issue

Type	#
Drilling Venture	10
For Lease	10
Minerals	1
Producing Property	2
Wanted Listing	1
<b>TOTAL</b>	<b>24</b>

### Eastern Rig Count

	This Wk	Last Year
DeSoto, La.	13	4
Red River, La.	5	3
San Augustine, Texas	5	3
Lincoln, La.	4	9
Jackson, La.	2	-
Rusk, Texas	2	-
Anderson, Texas	1	-
Angelina, Texas	1	-
Bienville, La.	1	-
Bossier, La.	1	-

Source: Baker Hughes

### Total Listings Sold in Last 90 Days

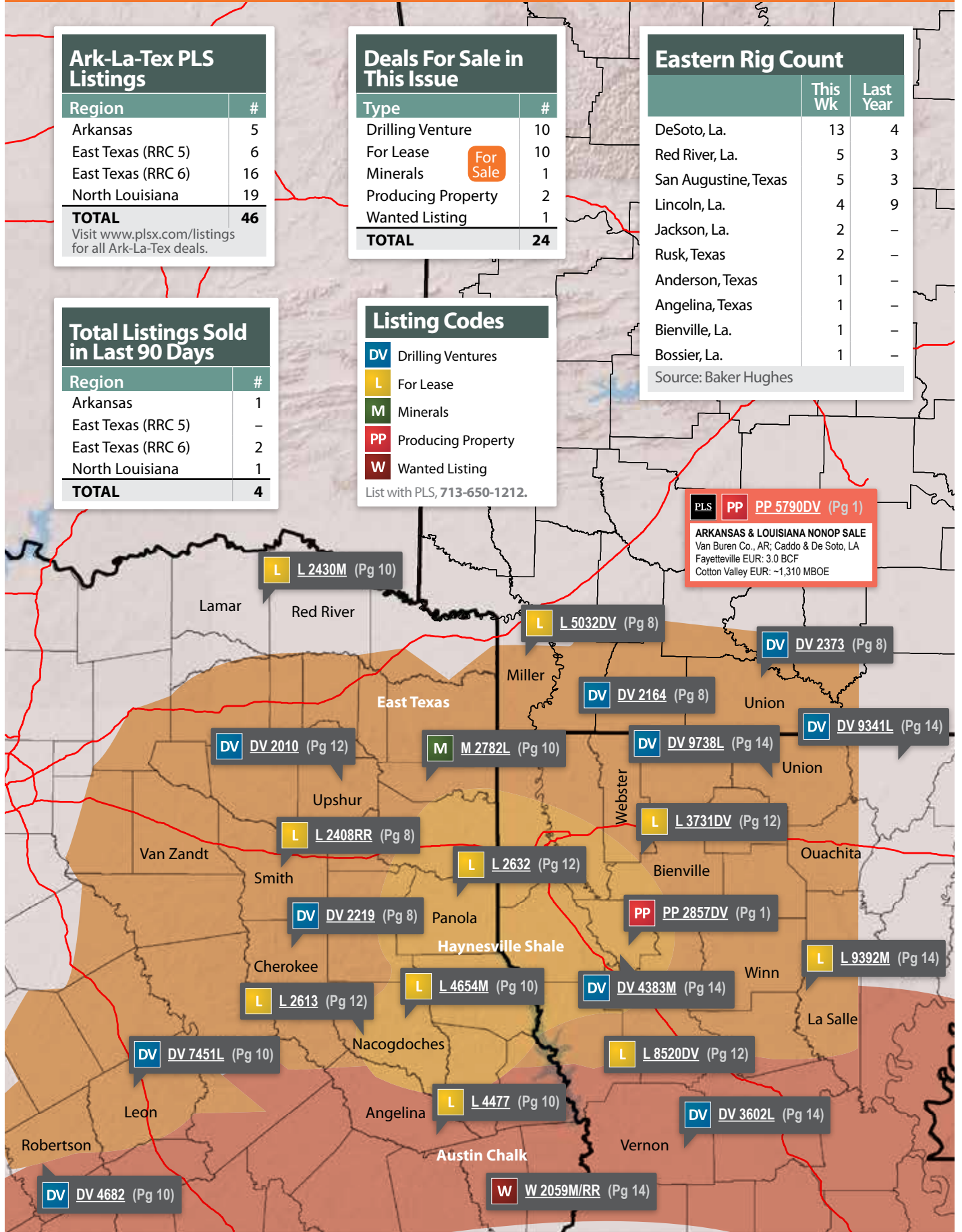
Region	#
Arkansas	1
East Texas (RRC 5)	-
East Texas (RRC 6)	2
North Louisiana	1
<b>TOTAL</b>	<b>4</b>

### Listing Codes

- DV Drilling Ventures
- L For Lease
- M Minerals
- PP Producing Property
- W Wanted Listing

List with PLS, 713-650-1212.

**PLS PP PP 5790DV (Pg 1)**  
**ARKANSAS & LOUISIANA NONOP SALE**  
 Van Buren Co., AR; Caddo & De Soto, LA  
 Fayetteville EUR: 3.0 BCF  
 Cotton Valley EUR: ~1,310 MBOE



## DEALS FOR SALE

## EAST TEXAS MINERALS FOR LEASE

5,200-Gross Mineral Acres. 3,650-NMA.

ANGELINA COUNTY

EAST TEXAS AREA

James Lime, Travis Peak, --

--Haynesville &amp; Bossier.

MINERALS  
LEASE

MINERALS FOR LEASE

OPEN ACREAGE AVAILABLE FOR LEASE

LEASE TERMS NEGOTIABLE

L 4477

## EAST TEXAS MINERALS FOR LEASE

11,000-Gross &amp; 5,500-Net Mineral Acres.

MARION COUNTY

MINERALS FOR LEASE

M 2782L

M  
LEASE

## EAST TEXAS MINERALS FOR LEASE

17,000-GMA &amp; 8,500-NMA.

DELTA, FRANKLIN, HOPKINS,

LAMAR &amp; RED RIVER COUNTIES

MINERALS FOR LEASE

L 2430M

MINERALS

## EAST TEXAS PROSPECTS

~3,500-Acres. ~20-Locations Available.

ROBERTSON COUNTY

GOLDEN LANE OF REEFS

Objectivess: Buda, Woodbine, Cotton

Valley &amp; Pinnacle Reef

100 Sq Miles Of Excellent 3D Seismic

Over Analog Major Discoveries &amp; Prospects

100% OPERATED WI: 75% NRI

Low Risk/ High Reward Opportunity

Potential Reserves: 1 TCF

DV 4682

DV

COTTON  
VALLEYDEALS  
FOR  
SALE

## LEON CO., TX PROSPECT

~7,500-Acres. Multiple Drilling Locations.

EAGLE FORD / WOODBINE OIL PLAY

Conventional Vertical or Horizontal

Eaglebine. 7,000 Ft.

Shale / Sandstone / Carbonate Play

Subsurface Geology Data Available

100% OPERATED WI: 75% NRI

Good Well Control/Completions

MANY OFFSETS DRILLING

Offset Ranges: 277-805 BOPD

Encana, EOG, &amp; Halcon.

Estimated Reserves: 450 MBOE

ROR At 36%.

Vertical Conventional D&amp;C: +/- \$1,000,000

DV 7451L

DV

EAGLEBINE

Call  
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## NACOGDOCHES CO., TX MINERALS

160-Gross &amp; Net Mineral Acres.

EAST TEXAS

Objectives: Cotton Valley, Travis Peak,

Haynesville/ Bossier

ARKLATEX

MINERALS FOR LEASE

L 4654M

## NORTH LOUISIANA PERMITS

## LASALLE

**Rapiere Resources.** 4,200' Permit. T H Breland #1. 17-059-26644. Nebo-Hemphill Field. Wilcox. Oil. Sec 40-7N-3E. Issued 03/14/17.

## LINCOLN

**Linn Operating.** 15,973' Permit. JP Graham 2H #2-Alt. 17-061-21371. Ruston Field. L Cotton Valley. HZ. Gas. 398' FNL & 1454' FWL of Sec 2-18N-3W; PBHL 275' FSL & 503' FWL of Sec 2. PTVD 11,068'. Issued 03/06/17.

LINN  
Energy

15,998' Permit. JP Graham 2H #1-Alt. 17-061-21375. Ruston Field. L Cotton Valley. Gas. 373' FNL & 1454' FWL of Sec 2-18N-3W; PBHL 275' FSL & 2407' FWL of Sec 2. PTVD 11,050'. Issued 03/14/17.

**Nadel & Gussman Ruston LLC.** 19,221' Permit. Smith Etal 34-3-10 H #1. 17-061-21373. Ruston Field. Cotton Valley. HZ. Gas. 408' FSL & 1571' FEL of Sec 34-19N-3W; PBHL 2341' FNL & 660' FEL of Sec 10. PTVD 11,400'. Issued 03/08/17.

**Range Louisiana Operating.** 17,330' Permit. Standifer 16-21 H #1. 17-061-21372. Terryville Field. U Gray. Horizontal. Gas. 344' FNL & 1535' FWL of Sec 21-19N-4W; PBHL 200' FSL & 2000' FWL of Sec 21. PTVD 11,470'. Issued 03/09/17.

16,350' Permit. Standifer 16-21 H #2. 17-061-21374. Terryville Field. L Gray. HZ. Gas. 344' FNL & 1510' FWL of Sec 21-19N-4W; PBHL 200' FSL & 670' FWL of Sec 21. PTVD 11,450'. Issued 03/09/17.

## RED RIVER

**GEP Haynesville LLC. 3 Completions.****Bracky Branch Field (Haynesville)**

Completion. McFarms Etal 28H #1-Alt. 17-081-21505. Horizontal. Gas. Completed 01/09/17. Orig Permit 07/11/16. 431' FNL & 1747' FWL of Sec 33-14N-10W; BHL 230' FNL & 1576' FWL of Sec 28. Spud 09/03/16. TD 17,741'. TVD 12,503'. Perf'd 12953'-17529'. PBTD 17,718'. Choke 19/64-in. CP 8,620 PSI. Flowed 14,210 Mcf/d.

Completion. McFarms Etal 28H #2-Alt. 17-081-21506. Horizontal. Gas. Completed 01/09/17. Orig Permit 07/11/16. 451' FNL & 1747' FWL of Sec 33-14N-10W; BHL 230' FNL & 2576' FWL of Sec 28. Spud 09/10/16. TD 17,770'. TVD 12,516'. Perf'd 12980'-17556'. PBTD 17,750'. Choke 19/64-in. CP 8,717 PSI. Flowed 14,421 Mcf/d.

Completion. McFarms Etal 28H #3-Alt. 17-081-21507. Horizontal. Gas. Completed 01/04/17. Orig Permit 07/12/16. 509' FNL & 1050' FEL of Sec 33-14N-10W; BHL 230' FNL & 1750' FEL of Sec 28. Spud 09/07/16. TD 17,834'. TVD 12,592'. Perf'd 13035'-17127'. PBTD 17,317'. Choke 19/64-in. CP 8,791 PSI. Flowed 13,566 Mcf/d.

## RICHLAND

**Denbury. 1 Completion, 1 Recompletion, 2 Permits.**

**Delhi Field (Holt Bryant)**

Completion. Delhi UT #118-2. 17-083-21058. Oil. Recompleted 02/01/17. Orig Compl 11/13/12. Sec 21-17N-9E. Spud 01/08/12. TD 3,540'. TVD 3,424'. Perf'd 3356'-3415' (2). PBTD 3,448'. Choke 18/64-in. FTP 1,180 PSI. Oil Grav 49° API. Flowed 3 bo/d.



Completion. Delhi UT #159-1. 17-083-00514. Oil. Completed 02/16/17. Orig Permit 02/16/17. 1900' FNL & 479' FEL of Sec 30-17N-9E. Spud 11/18/16. TD 3,329'. Perf'd 3235'-3260'. Choke 18/64-in. FTP 1,180 PSI. Oil Grav 49° API. Flowed 19 bo/d.

Permit. Delhi UT #58-10. 17-083-88164. O&G. Sec 24-17N-9E. Issued 03/17/17.

Permit. Delhi UT #58-10D. 17-083-88164. O&G. Sec 24-17N-9E. Issued 03/17/17.

## WINN

**James Drilling. 6 Completions.****Salt Field (Wilcox)**

Completion. Cavenham C 20 #25. 17-127-22573. Oil. Completed 12/28/16. Orig Permit 02/11/09. 220' FSL & 896' FWL of Sec 20-10N-1E. Spud 06/03/09. TD 1,427'. Perf'd 1422'-1427'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 3 bo/d.

Completion. Cavenham C 20 #27. 17-127-22575. Oil. Completed 12/27/16. Orig Permit 02/11/09. 25' FSL & 1301' FWL of Sec 20-10N-1E. Spud 05/28/09. TD 1,423'. Perf'd 1420'-1423'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 3 bo/d.

Completion. Cavenham C 20 #29. 17-127-22577. Oil. Completed 01/13/17. Orig Permit 02/11/09. 674' FNL & 100' FWL of Sec 20-10N-1E. Spud 06/04/09. TD 1,457'. Perf'd 1456'-1457'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 3 bo/d.

Completion. Cavenham C 20 #39. 17-127-22593. Oil. Completed 01/16/17. Orig Permit 06/19/09. 198' FNL & 1310' FWL of Sec 20-10N-1E. Spud 09/02/09. TD 1,422'. Perf'd 1419'-1422'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 3 bo/d.

Completion. Cavenham C 20 #44. 17-127-22631. Oil. Completed 01/12/17. Orig Permit 03/27/15. 773' FNL & 313' FWL of Sec 20-10N-1E. Spud 05/06/15. TD 1,440'. Perf'd 1438'-1440'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 3 bo/d.

Completion. Cavenham C-20 #41. 17-127-22629. Oil. Completed 01/13/17. Orig Permit 01/11/12. 451' FNL & 761' FWL of Sec 20-14N-1E. Spud 05/22/12. TD 1,486'. Perf'd 1432'-1434'. Choke 8/64-in. FTP 50 PSI. Oil Grav 21° API. Pumped 2 bo/d.

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**EAST TEXAS (RRC 5)**

**DALLAS**

**GHA Barnett LLC. 4 HZ Permits.**

**█ Newark E Field (Barnett)**

9,000' Permit. Quarter Horse-DLS 11 #11H. 42-113-30275. O&G. Read, J C A-1183; PBHL A-470. 1,277 Acres. Issued 03/15/17.

9,000' Permit. Quarter Horse-DLS 12 #12H. 42-113-30274. O&G. Read, J C A-1183; PBHL A-470. 1,277 Acres. Issued 03/15/17.

9,000' Permit. Quarter Horse-DLS 13 #13H. 42-113-30276. O&G. Read, J C A-1183; PBHL A-470. 1,277 Acres. Issued 03/15/17.

9,000' Permit. Quarter Horse-DLS 14 #14H. 42-113-30277. O&G. Read, J C A-1183; PBHL A-470. 1,277 Acres. Issued 03/15/17.

**FALLS**

**Walker Operating.** 5,000' Permit. Baker #1. 42-145-30844. Wildcat. O&G. Manchaca, J A A-34. 22 Acres. Issued 03/14/17.

**HENDERSON**

**Chesapeake.** 9,000' Amended. Ned #1H. 42-213-31094. Girlie Caldwell Field. Goodland Lime. HZ. Oil. Parker, D A-609; PBHL A-822. 209 Acres. Issued 03/09/17.

**XTO Energy.** 8,825' Recompletion. OGU (MA Asher -5) #197. 42-213-30865. Wildcat. O&G. Adrian Anglin A-22. 11,478 Acres. Issued 03/09/17.

**ROBERTSON**

**Covey Park Op.** 17,053' Amended. Dorothy Allen Unit #4. 42-395-31992. Hilltop Resort Field. Bossier. Dir. Gas. Viesca, J M A-46; PBHL A-46. 685 Acres. Issued 03/17/17.

● **Hawkwood Energy.** Completion. B Blazek Unit #1H. 42-395-31997. Aguila Vado Field. Eagle Ford. HZ. Oil. Completed 12/14/16. Orig Permit 08/16/16. L Robertson A-39. Spud 10/13/16. TD 12,100'. TVD 7,218'. Form Rec: Nacatoch 4388'; Austin Chalk 6968' & Woodbine 7632'. Surf Casing 9.625" to 3784' & Prod Casing 5.5" to 12091'. Perf'd 7763'-11972'. PBDT 12,040'. Choke 18/64-in. FTP 332 PSI. CP 953 PSI. Oil Grav 35° API. GOR 127:1. Gas Lifted 118 bo/d & 15 Mcf/d. 37,988 Bbls Clean 4,261,320 Lbs Prop't.



**TARRANT**

**Chesapeake. 3 HZ Permits.**

**█ Newark E Field (Barnett)**

9,000' Amended. TCCD South #4H. 42-439-36889. Gas. Walker, L C A-1652; PBHL A-1055. 403 Acres. Issued 03/09/17.

9,000' Amended. TCCD South #5H. 42-439-36890. Gas. Walker, L C A-1652; PBHL A-1653. 402 Acres. Issued 03/09/17.

9,000' Amended. TCCD South #6H. 42-439-36891. Gas. Walker, L C A-1652; PBHL A-1653. 403 Acres. Issued 03/09/17.



**Saddle Operating. 3 HZ Permits.**

**█ Newark E Field (Barnett)**

9,000' Permit. Fannin Farms B Unit #10H. 42-439-37119. O&G. M Maise A-1001; PBHL A-645. 653 Acres. Issued 03/13/17.

9,000' Permit. Fannin Farms B Unit #11H. 42-439-37120. O&G. M Maise A-1001; PBHL A-645. 653 Acres. Issued 03/13/17.

9,000' Permit. Fannin Farms B Unit #13H. 42-439-37121. O&G. M Maise A-1001; PBHL A-645. 653 Acres. Issued 03/13/17.

☀ **Vantage Energy.** Completion. Lenox #10H. 42-439-37093. Newark E Field. Barnett. HZ. Gas. Completed 04/29/16. Orig Permit 07/31/15. L Ramey A-1336. Spud 06/21/15. TD 12,755'. TVD 7,504'. Form Rec: Caddo 7543' & Barnett 7650'. Surf Casing 9.625" to 1720' & Prod Casing 5.5" to 12750'. Perf'd 7834'-12705'. PBDT 12,752'. Orifice 1.875-in. FTP 499 PSI. Gas Gravity 0.609. Tested 4,595 Mcf/d.

☀ Completion. Lenox #20H. 42-439-36977. Newark E Field. Barnett. HZ. Gas. Completed 04/29/16. Orig Permit 01/13/16. L Ramey A-1336. Spud 06/22/16. TD 13,982'. TVD 7,716'. Form Rec: Caddo 6786' & Barnett 8068'. Surf Casing 9.625" to 1758' & Prod Casing 5.5" to 13977'. Perf'd 8316'-13940'. PBDT 13,979'. Orifice 1.875-in. FTP 350 PSI. Gas Gravity 0.609. Tested 3,711 Mcf/d.

**VAN ZANDT**

● **Three Forks Op.** Recompletion. Browning #1. 42-467-30931. Van W Field. Glen Rose. Oil. Recompleted 02/18/17. Orig Permit 02/08/17. Nacogdoches CSL A-620. Spud 02/17/17. TD 7,889'. Form Rec: Nacatoch 1200'; Pecan Gap 1590'; Austin Chalk 2270'; Sub-Clarksville 2700'; Woodbine 3000'; Paluxy 5200'; Glen Rose 5400'; Rodessa 8150' & Smackover 12000'. Surf Casing 8.625" to 461' & Prod Casing 4.5" to 7957'. Perf'd 5486'-5492'. PBDT 5,560'. FTP 50 PSI. CP 30 PSI. Oil Grav 37° API. GOR 135:1. Pumped 37 bo/d & 5 Mcf/d.

**EAST TEXAS (RRC 6)**

**ANGELINA**

**BP America.** 19,500' Permit. Utahraptor Gas Unit #1H. 42-005-30413. Carthage Field. Haynesville. HZ. Gas. Finch, J H A-726; PBHL A-314. 596 Acres. Issued 03/13/17.

19,500' Permit. Utahraptor Gas Unit #1HB. 42-005-30414. Carthage Field. Haynesville. HZ. Gas. J H Finch A-726; PBHL A-314. 596 Acres. Issued 03/13/17.

**CASS**

**Buffco Production.** 8,000' Recompletion. Conner #2. 42-067-30744. Lake Ferrell Field. U Pettit. Oil. Hines, S A-521. 698 Acres. Issued 03/16/17.

**CHEROKEE**

☀ **Breitburn Operating.** Completion. Murray-McElroy A #2H. 42-073-31545. Overton Field. Cotton Valley Sand. HZ. Gas. Completed 05/26/16. Orig Permit 01/15/16. E Gee A-20. Spud 02/08/16. TD 18,537'. TVD 11,800'. Form Rec: Nacatoch 2230'; Woodbine 3830'; Paluxy 5586'; Glen Rose 5885'; U Anhydrite 7059'; Top Anhydrite 7280'; Base Anhydrite 7540'; Rodessa 7637'; James Lime 7987'; Pettit 8250'; Travis Peak 8369'; Cotton Valley 10452'; Taylor Lime 11492'; Taylor 1 Sand 11531' & Taylor 2 Sand 11850'. Surf Casing 9.625" to 4524' & Prod Casing 5.5" to 18537'. Perf'd 12228'-18483'. PBDT 18,534'. Choke 38/64-in. Orifice 1.875-in. CP 1,615 PSI. Oil Grav 55.7° API. Gas Gravity 0.665. Tested 375 bo/d & 8,464 Mcf/d. 4,470,056 Lbs 40/70 Prem WH Sd 943,140 Lbs 40/70 Python CR Resin Coated 170,564 Bbls Slickwtr 47,680 Bbls Linear-Crosslink Gel 21K Gals 15% HCL.

**Jamex Inc.** 12,000' Amended. Burton #2H. 42-073-31560. Overton Field. Cotton Valley Sand. HZ. O&G. Hamilton, J A-23; PBHL A-23. 698 Acres. Issued 02/27/17.

**Recent Ark-La-Tex Wells Frac Jobs (01/28/17 - 03/09/17)**

County, State	Operator	Well Name	Supplier	Total Fluids (bbl)	Total Sand (lb)
Bienville, LA	QEP Energy	Thomas 6-15-9H #1	Halliburton	343,422	17,776,587
Bienville, LA	Tanos Exploration	Woodard C #10	Tanos	6,772	348,758
DeSoto, LA	Indigo Minerals	Desoto O&GTR 13-12 H #002	Halliburton	319,730	18,064,262
DeSoto, LA	Indigo Minerals	Desoto O&GTR 13-12 H #003	Halliburton	607,522	27,382,684
Jackson, LA	Linn Energy	Weyerhaeuser #13-1	P3	2,551	49,652
Red River, LA	Vine O&G	George Lormand #33-3	FTSI	258,368	11,352,061
Red River, LA	Vine O&G	George Lormand #33-6	FTSI	215,263	10,039,389
Webster, LA	Tanos Exploration	Monzingo #2	Tanos	16,291	705,869
Freestone, TX	Stroud Petroleum	Horton #1	P3	3,663	98,395
Harrison	Sheridan Prod	Reuben Pierce #3	P3	1,687	83,671
Nacogdoches, TX	Tanos Exploration	Mills #2	Tanos	23,004	747,394
Panola, TX	PetroQuest Energy	Werner Jordan-Burden PSA #1H	PetroQuest	169,829	5,409,881
Panola, TX	Valence Operating	Carthage Gas Unit #17-19	P3	1,479	27,430
Robertson, TX	Tanos Exploration	Read #1	Tanos	6,231	181,302
Robertson, TX	Tanos Exploration	Wohleb #1	Tanos	6,426	208,787

Source: PLS Fraclndex

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**DEALS FOR SALE**

**NACOGDOCHES CO., TX ACREAGE**

~9,000-Gross Acres. ~8,000-Net Acres.  
**HAYNESVILLE & BOSSIER SHALE**  
 Stack Play Potential. **L**  
 Acreage Is 100% Held By Production  
 >100 Gross Operated Drilling Locations  
 25 Rigs Targeting Haynesville/Bossier  
**ACREAGE FOR SALE**  
 Dry Gas Production In Area.  
 Top Offset Operators: XTO & EXCO  
 Total Net Reserves: ~720 BCFE **ARKLATEX**  
 Owned Gathering Lines Tied to Texas Eastern  
 Considering Sale Of Shallow Rights.  
 CONTACT AGENT FOR UPDATE  
**L 2613**

DEALS FOR SALE

**PANOLA CO., TX LEASEHOLD**

~3,354-Acres. **L**  
**DEEP RIGHTS ONLY**  
 Targeting The Haynesville Shale  
 Depths Below Cotton Valley  
 Acreage Contiguous & Held By Production.  
Leases Can Deliver 75-81% NRI **DEEP RIGHTS**  
 CONTACT SELLER FOR MORE INFO  
**L 2632**

**UPSHUR CO., TX PROSPECT**

3-Potential Well. ~1,043-Acres. **DV**  
**EAST TEXAS BASIN** **ARK-LA-TEX**  
 Cotton Valley At 11,000 Ft.  
**100% OPERATED WI: 75% NRI**  
 --- Via Term Assignment  
**DV 2010**

**LOUISIANA MINERAL RIGHTS**

10-Parishes. 270,000-Acres. **L**  
**WESTERN LOUISIANA**  
 Minerals For Lease  
 Miocene, Frio, Hackberry, Yegua, Wilcox,  
 Austin Chalk, Glen Rose, Edwards, Sligo,  
 Cotton Valley, Haynesville, Smackover  
 & Tuscaloosa. **MULTIPAY**  
**2D & 3D Seismic Available.**  
 Competitive Leasing Terms. **Call PLS**  
 CONTACT SELLER FOR MORE INFO  
**L 8520DV**

**LOUISIANA MINERALS FOR LEASE**

10,152-Total Mineral Acres. **L**  
**BIENVILLE AND WEBSTER PARISH**  
**COTTON VALLEY**  
 Bossier Sandstones 12,500-13,500 Ft.  
 Terryville Sandstones 10,500-12,500 Ft.  
 3D Seismic Data Available  
 Potential Horizontal Drilling Program  
**LEASE WILL DELIVER 75% NRI**  
 Est Bossier Well IPs: 224 MCFD, 1BOPD  
 3-Year Lease Term Paid Up. **MINERALS**  
 CONTACT SELLER FOR MORE INFO  
**L 3731DV**

**EAST TEXAS (RRC 6)**

**GREGG**

**Dallas Production.** 7,620' Recompletion.  
J J Castleberry Estate A #4. 42-183-31026.  
 Willow Springs Field. Pettit. Oil. Sanchez, D  
 A-186. 52 Acres. Issued 02/27/17.

**HARRISON**

**Covey Park Resources.** 11,508' Permit.  
 Gibson Gas Unit #4H. 42-203-35273. Carthage  
 Field. Haynesville. HZ. Gas. Monday, S A-14;  
 PBHL A-14. 673 Acres. Issued 03/16/17.

**Valence Op. 1 Completion, 2 HZ Permits.**  
■ **Beckville Field (Cotton Valley)**  
☀ Completion. George Robertson #4H. 42-  
 203-35264. HZ. Gas. Completed 02/04/17.  
 Orig Permit 10/21/16. B Anderson A-29. Spud  
 11/13/16. TD 17,090'. TVD 10,067'. Form Rec:  
 Blossom 2340'; Goodland 3110'; Paluxy 3385';  
 Glen Rose 3700'; Rodessa 5421'; Pettit 6201';  
 Travis Peak 6516' & Cotton Valley 8531'. Surf  
 Casing 9.625" to 1712' & Prod Casing 5.5" to  
 17090'. Perf'd 10374'-16937'. Choke 38/64-in.  
 Orifice 2-in. FTP 1,355 PSI. Oil Grav 50.5° API.  
 Gas Gravity 0.672. Tested 6 bo/d & 2,764 Mcf/d.

■ **Blocker Field (Cotton Valley)**  
 10,300' Permit. Thelma Mosley Gas Unit  
 #6H. 42-203-35271. Gas. Crawford, J M A-175;  
 PBHL A-568. 704 Acres. Issued 02/28/17.  
■ **Oak Hill Field (Cotton Valley)**  
 10,300' Permit. W R Tutt Unit #7H. 42-203-  
 35272. Gas. Watson, W A-748; PBHL A-748.  
 698 Acres. Issued 03/09/17.

**HOUSTON**

**Basa Resources.** 1,701' Recompletion.  
 English Oil Unit #4. 42-225-30904. Laura La  
Velle E Field. Carrizo. Oil. Rowan, J A-873. 40  
 Acres. Issued 02/27/17.

**NACOGDOCHES**

● **Sonerra Resources.** Completion. Moon  
Pie #22. 42-347-33332. Nacogdoches Field. Oil.  
 Completed 02/08/17. Orig Permit 03/09/15. J M  
 Mora A-827. Spud 12/20/16. TD 418'. Form Rec:  
 Queen City 393'. Surf Casing 4.5" to 392'. Perf'd  
 394'-418'. Oil Grav 20° API. Pumped 0.3 bo/d.  
**Tanos Exploration.** 10,817' Permit. Miller  
Trust #3. 42-347-33356. Waterman Field.  
Travis Peak. Gas. Flores, HRS J A-30. 607 Acres.  
 Issued 03/13/17.

**PANOLA**

**CCI East TX Upstream LLC.** 11,800' Permit.  
Frost Boren GU #1HH. 42-365-38332. Carthage  
Field. Haynesville. HZ. Gas. Caraway, J W A-978;  
 PBHL A-979. 1,407 Acres. Issued 03/01/17.

11,800' Permit. Frost Boren GU #2HH. 42-  
 365-38333. Carthage Field. Haynesville. HZ.  
 Gas. Caraway, J W A-978; PBHL A-979. 1,407  
 Acres. Issued 03/01/17.

**Jack L Phillips Co.** 6,560' Re-entry. DK  
Hamilton #1. 42-365-37190. Wildcat. O&G.  
 McAdams, J A-436. 58 Acres. Issued 03/10/17.  
☀ **PetroQuest Energy.** Completion. Medlin-  
Youngblood #2H. 42-365-38300. Carthage Field.  
Cotton Valley. HZ. Gas. Completed 01/30/17. P  
 R Wilson A-750. Spud 11/19/16. TD 15,101'. TVD  
 9,671'. Form Rec: Blossom 2174'; Paluxy 2960';  
 Glen Rose 3271'; Rodessa 5226'; James Limes  
 5663'; Pettit 6008'; Travis Peak 6387'; Cotton Valley  
 8695'; Cotton Valley 8955' & Ebbery 9909'. Surf  
 Casing 9.625" to 2467'. Int Casing 7" to 5952' &  
 Prod Casing 4.5" to 15114'. Perf'd 12175'-15012'.  
 PBTD 15,021'. Choke 48/64-in. Orifice 3-in. FTP  
 285 PSI. Oil Grav 49.2° API. Gas Gravity 0.667.  
 Tested 15 bo/d & 5,790 Mcf/d.

● **R Lacy Svcs Ltd.** Plug Back. Harold Wilson  
 #1. 42-365-30313. Briggs Field. U Travis Peak. Oil.  
 Plug Back 01/23/17. T D Matthews A-458. Spud  
 06/14/77. TD 9,925'. Form Rec: Base Anhydrite  
 5273'; Pettit 6033'; Travis Peak 6340'; Top B 6454'  
 & Base B Lime 8573'. Surf Casing 9.625" to 1745'  
 & Prod Casing 5.5" to 9924'. Perf'd 6457'-6471'.  
 PBTD 8,280'. FTP 30 PSI. CP 50 PSI. Oil Grav 36°  
 API. GOR 3,666:1. Flowed 15 bo/d & 55 Mcf/d.

**Sheridan Production. 5 Permits.**  
■ **Carthage Field (L Pettit)**  
 9,620' Recompletion. Hull A-21 Unit #A 36.  
 42-365-32038. Gas. Lambert, J M A-418. 640  
 Acres. Issued 03/09/17.

■ **Carthage Field (Travis Peak)**  
 9,601' Recompletion. Carthage Gas Unit  
 110 #4. 42-365-32453. O&G. Hite, J A-318. 697  
 Acres. Issued 03/10/17.  
 9,606' Recompletion. Collins Unit #3. 42-  
 365-31402. Gas. Roberts, G B A-566. 638 Acres.  
 9,668' Recompletion. Graves Estate #1. 42-  
 365-30613. Gas. Parker, M A-527. 679 Acres.  
 9,620' Recompletion. J W Burton #6. 42-  
 365-32548. Gas. Matthew Parker A-527. 680  
 Acres. Issued 03/13/17.

**Ark-La-Tex Commodity Prices**

Source: Plains All American; \*NYMEX Front Month

Pricing Indexes	03/22/17	03/15/17	Year Ago
West Texas Intermediate*	\$48.04	\$48.86	\$41.45
East Texas Field	\$41.75	\$42.50	\$35.75
East Texas Sour	\$40.75	\$41.50	\$34.75
East Texas Light Sour	\$41.75	\$42.50	\$36.75
East Texas Condensate	\$39.75	\$40.50	\$34.75
North Louisiana	\$41.50	\$42.25	\$34.75
North Louisiana Condensate	\$41.50	\$42.25	\$34.75
South Arkansas and North Louisiana Sour	\$40.50	\$41.25	\$33.75

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 Cotton Valley Tops Range: 9,500-9,850 Ft.  
 Primary Targets: Paluxy, Pettit,  
 -- Rodessa, Hosston & CV.  
 O&G MINERAL RIGHTS FOR LEASE  
 Terms Negotiable.  
 Drilling Commitment Preferred.  
**DV 4383M**

**DV**

**COTTON VALLEY**

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 WINN AND LASALLE PARISH  
 Drill Depths: 1,500-20,000 Ft. MD  
 Wilcox, Lwr Tuscaloosa, Annona Chalk,  
 Glen Rose, Mooringsport, Rodessa, James,  
 Sligo, Hosston, Calvin, Bossier & More.  
 3D Seismic Data Available  
 MINERALS FOR LEASE OR OPTION  
**L 9392M**

**L**

**NEW DATA**

**NORTH LOUISIANA PROSPECT**

132,000-Acres. 825-Potential Wells.  
 MOREHOUSE, RICHLAND --  
 -- AND WEST CARROLL PARISHES  
 MONROE UPLIFT  
 Target: Brown Dense. 9,500 Ft.  
 20% NonOperated WI; 78.5% Lease NRI  
 Fresh Leasehold; Recently Renewed  
 Well Reserves: 400 MBO & 2.0 BCF  
 CWC\$4.1MM/Slotted Sleeve HZ;\$3MM/Vert  
**DV 9341L**

**DV**

**NONOP**

**Call PLS**

**UNION PH., LA PROSPECT**

7,000-Acres. (HBP)  
 BROWN DENSE  
 Acreage Held By Production.  
 50% OF DEEP RIGHTS AVAILABLE  
**DV 9738L**

**DV BROWN DENSE**

**VERNON PH., LA PROSPECT**

13,600-Contiguous Acres.  
 BROOKLAND AUSTIN CHALK FIELD  
 Proposed Depth: 15,000 Ft.  
 DRILL TO EARN WI; NRI Negotiable  
 Est Project Reserves: 1.0-2.0 MMBO  
 DHC: \$3,500,000; Compl: \$500,000  
**DV 3602L**

**DV**

**AUSTIN CHALK**

**WANTED: GAS MINERALS & ROYALTY**

Producing or NonProducing w/ Activity.  
 ARK-LA-TEX & GULF COAST  
 Mainly East Texas and Louisiana.  
 Prefers Haynesville & Cotton Valley.  
 Will Consider Other Gas Plays In Area.  
 Minerals, Royalties, or Overrides.  
 Deal Values Up To \$5,000,000.  
 CONTACT BUYER WITH PACKAGE  
**W 2059M/RR**

**W**

**M/RR**

**EAST TEXAS (RRC 6)**

**Valence Operating.** Completion. Coleman #2. 42-365-38319. Carthage Field. Haynesville. Dir. Gas. Completed 02/08/17. Orig Permit 10/05/16. J B Butler A-82. Spud 12/07/16. TD 11,635'. TVD 11,378'. Form Rec: Blossom 2420'; Fredrickburg 3191'; Paluxy 3491'; Glen Rose 3796'; Rodessa 5486'; Pettit 6241'; Travis Peak 6571' & Cotton Valley 8511'. Surf Casing 9.625" to 1622' & Prod Casing 5.5" to 11635'. Perf'd 6668'-11496'. Choke 8/64-in. Orifice 1.25-in. FTP 1,515 PSI. Oil Grav 48.5° API. Gas Gravity 0.65. **Tested 8 bo/d & 1,480 Mcf/d.**

**Plug Back.** Daniels Oil Unit #1. 42-365-37998. Carthage Field. L Pettit. Gas. Plug Back 02/10/17. Orig Permit 02/20/13. R Willis A-741. Spud 02/20/13. TD 6,650'. Form Rec: Bac 2590'; Buda 2645'; BMA 5235'; Pettit 5955' & Travis Peak 6360'. Surf Casing 9.625" to 1034' & Prod Casing 7" to 6637'. Perf'd 6153'-6227'. PBTD 6,403'. Orifice 1-in. FTP 25 PSI. Gas Gravity 0.648. **Tested 71 Mcf/d.**

**RUSK**

**BP America.** Recompletion. Billy Neal Rogers Gas Unit #1. 42-401-31352. Minden Field. Travis Peak Consolidated. Gas. Recompleted 04/04/16. Orig Permit 05/28/98. John Frazier A-289. Spud 12/03/81. TD 7,936'. Form Rec: Anhydrite 6255'; Rodessa 6472'; Lime 6934'; Pettit 7162' & Travis Peak 7482'. Surf Casing 9.625" to 1860' & Prod Casing 5.5" to 7936'. Perf'd 7458'-7645'. PBTD 7,892'. Orifice 0.75-in. Gas Gravity 0.64. **Tested 6 Mcf/d.** Reclassed Oil to Gas.



**Buffco Production.** 9,850' Recompletion. Sledge #1. 42-401-34488. Minden Field. Travis Peak Consolidated. O&G. Howeth, T A-385. 364 Acres. Issued 03/10/17.

**KJ Energy.** 11,800' Recompletion. Orr-Tipps Gas Unit #4. 42-401-34072. Minden Field. Travis Peak Consolidated. Gas. Miller, J A-579. 605 Acres. Issued 03/13/17.

**Sabine O&G.** Recompletion. Gray GU 1 #1. 42-401-33340. Oak Hill Field. Cotton Valley. Gas. Recompleted 02/06/17. Orig Permit 07/30/10. J B Read A-678. Spud 04/18/04. TD 10,900'. Form Rec: Rodessa 6500'; Pettit 7150'; Travis Peak 7500' & Cotton Valley 8800'. Surf Casing 8.625" to 1510' & Prod Casing 4.5" to 10900'. Perf'd 7251'-10754'. PBTD 10,790'. Orifice 1.125-in. FTP 1,715 PSI. Gas Gravity 0.673. **Tested 33 Mcf/d.** Reclassed Oil to Gas.

**Tanos Exploration.** 10,720' Permit. Laird C #9H. 42-401-35378. Oak Hill Field. Cotton Valley. HZ. Gas. Howell, E A-408; PBHL A-183. 643 Acres. Issued 03/08/17.

**SAN AUGUSTINE**

**BP America.** 19,500' Permit. Koala Gas Unit #5H. 42-405-30623. Carthage Field. Haynesville. HZ. Gas. HT&B RR Co A-157; PBHL A-558. 1,037 Acres. Issued 03/13/17.

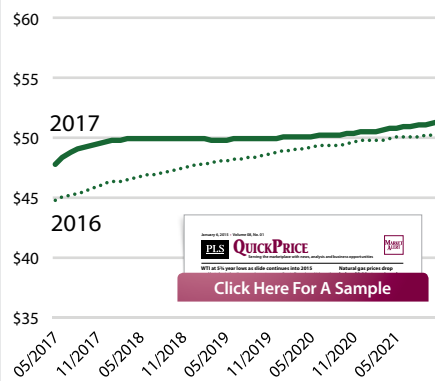
**XTO Energy.** Recompletion. BSI Mocs DU #H1. 42-405-30562. Carthage Field. Haynesville. HZ. Gas. Recompleted 01/06/17. Orig Permit 02/19/16. D B Sowell A-367. Spud 03/10/16. TD 21,323'. TVD 14,717'. Form Rec: Austin Chalk 5572'; James Lime 8808' & Haynesville 14107'. Surf Casing 10.75" to 3818'; Int Casing 7.625" to 13823' & Prod Casing 5" to 21287'. Perf'd 15010'-21228'. Choke 15/64-in. CP 9,693 PSI. Gas Gravity 0.598. **Tested 10,048 Mcf/d.** 10,328,177 Lbs Sd. 20,000' Permit. BSI Hokies DU #B 15L. 42-405-30622. Carthage Field. Haynesville. HZ. Gas. Sowell, D B A-367; PBHL A-581. 601 Acres. Issued 03/15/17.

**SMITH**

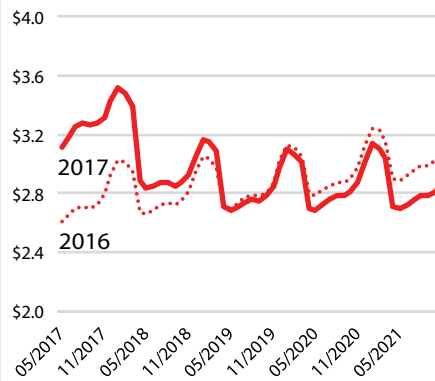
**Valence Operating.** Completion. Little John #7H. 42-423-32389. Chapel Hill Field. Cotton Valley. HZ. Gas. Completed 10/17/16. Orig Permit 06/07/16. W Cox A-233. Spud 07/03/16. TD 17,276'. TVD 11,721'. Form Rec: Nacatoch 2430'; Woodbine 4010'; Paluxy 5601'; Rodessa 7526'; Pettit 8251'; Travis Peak 8416' & Cotton Valley 10266'. Surf Casing 10.75" to 4520' & Prod Casing 5.5" to 17263'. Perf'd 11961'-17117'. Choke 60/64-in. Orifice 2-in. FTP 875 PSI. Gas Gravity 0.618. **Tested 13 bo/d & 3,760 Mcf/d.** KOP 10,928.

9,000' Amended. Chambers #1H. 42-423-32394. Girlie Caldwell Field. Goodland Lime. HZ. Oil. Debard, E J A-6; PBHL A-2. 195 Acres. Issued 03/15/17.

**Crude Forward Curve (\$/bbl)**



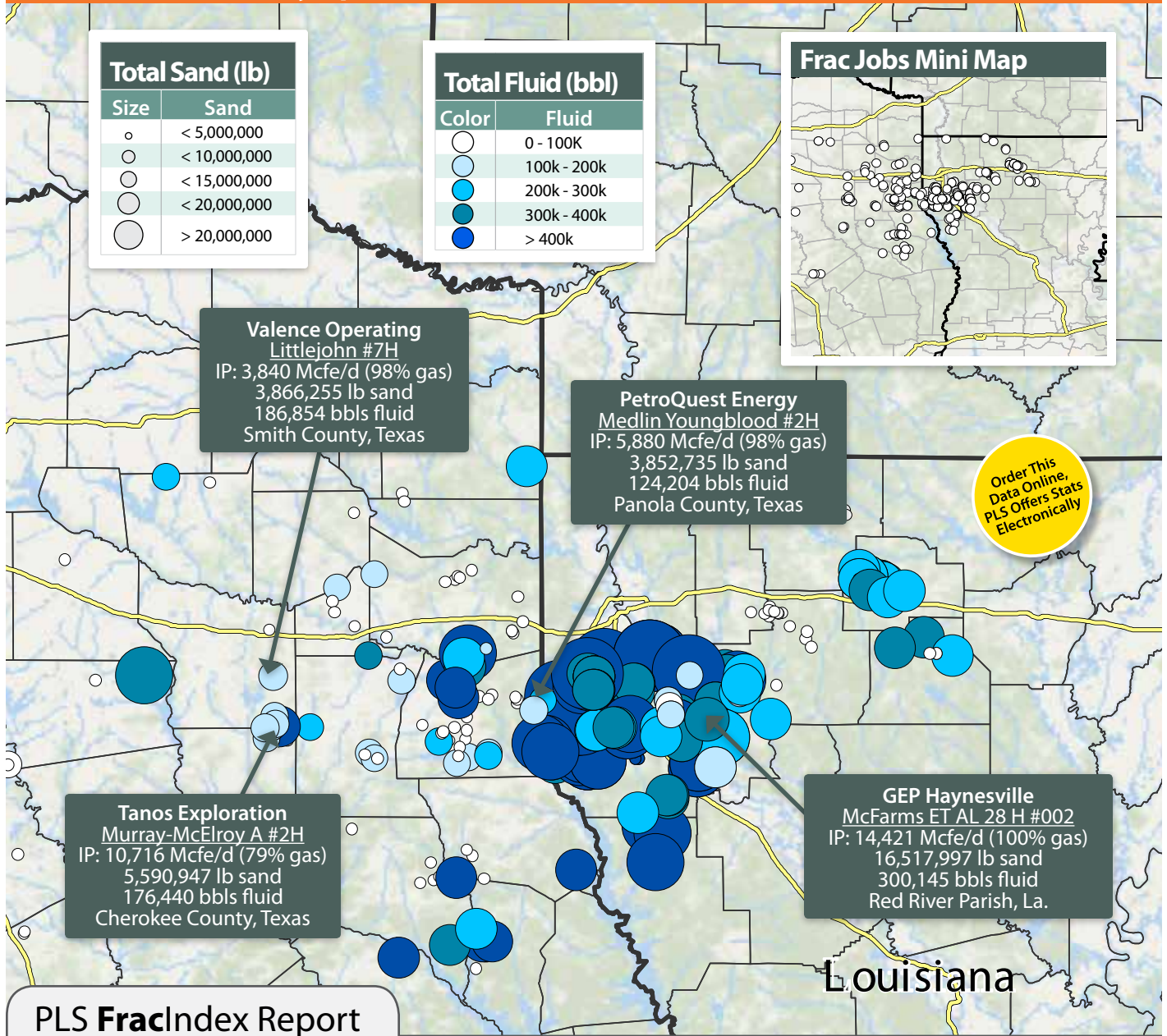
**Natural Gas Curve (\$/Mcf)**



Sources: Bloomberg & PLS ( as of 03/23/17)

Ark-La-Tex Frac Jobs by Operator - YTD

Source: PLS FraclIndex



PLS FraclIndex Report

