

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

Louisiana

BIENVILLE COUNTY COUNT: 1 TOTAL

OPERATOR: STEPHENS PRODUCTION COMPANY

SUSAN MORALES **4797834191** **623 GARRISON AVE STE 100, FORT SMITH AR**

Drill Type:	D	Well:	MALONE ETAL 19-30 H 001	Rig Name/No.:	H&P 491	Well Type:	OTHER
Field:	DRISCOLL	Formation:	NON-UNITIZED COTTON VALLEY	Permit Depth:	17,500 ft	Spud Date:	2017-10-09
API 10/UWI:	17-013-22162	Lat/Long:	32.3631721 / -92.8242698	Rated HP:	1500	Permit Approval Date:	2017-10-05

1. Head northwest on N Hazel St toward N Hazel St (Distance: 295.3 feet, Est. Time: 0:00:14); 2. Turn left at the 1st cross street onto 2nd St (Distance: 380.6 feet, Est. Time: 0:00:17); 3. Turn left at the 1st cross street onto Myrtle St (Distance: 262.5 feet, Est. Time: 0:00:24); 4. Turn left at the 1st cross street onto 1st St (Distance: 383.9 feet, Est. Time: 0:00:24); 5. Turn right onto N Hazel St (Distance: 0.7 miles, Est. Time: 0:01:31); 6. Turn left onto LA-147 S/Jonesboro RdContinue to follow LA-147 S (Distance: 15.3 miles, Est. Time: 0:16:24); 7. Turn right onto Par Rd 798/Sand Hill Rd (Distance: 0.4 miles, Est. Time: 0:01:02); Total Distance: 16.6 miles, Total Est. Time: 0:20:16; Rig is located 0.7 miles to the NW.

BOSSIER COUNTY COUNT: 3 TOTAL

OPERATOR: AETHON ENERGY OPERATING L

AETHON ENERGY OPERATING LLC **9722080432** **12377 MERIT DR SUITE 1200, DALLAS TX**

Drill Type:	D	Well:	HA RA SU81;MUDD 1-36-25 HC 002-ALT	Rig Name/No.:	Precision 109	Well Type:	OTHER
Field:	ELM GROVE	Formation:	HAYNESVILLE	Permit Depth:	21,500 ft	Spud Date:	2017-12-15
API 10/UWI:	17-015-25106	Lat/Long:	32.4039897 / -93.4528102	Rated HP:	1600	Permit Approval Date:	2017-10-12

1. Head west on Simpson St toward Benton Rd (Distance: 82.0 feet, Est. Time: 0:00:03); 2. Turn left onto LA-3 S/Benton Rd (Distance: 9.7 miles, Est. Time: 0:12:21); 3. Turn left to merge onto I-220 E toward Monroe (Distance: 6.3 miles, Est. Time: 0:06:07); 4. Take exit 17B on the left to merge onto I-20 E toward Monroe (Distance: 6.8 miles, Est. Time: 0:06:04); 5. Take exit 33 for LA-157 toward Fillmore/Haughton (Distance: 1135.2 feet, Est. Time: 0:00:24); 6. Turn right onto LA-157 (signs for Haughton) (Distance: 5.5 miles, Est. Time: 0:08:05); 7. Turn left onto Johnson Koran Rd (Distance: 4.6 miles, Est. Time: 0:06:31); 8. Continue onto Fairview Point Rd (Distance: 1.3 miles, Est. Time: 0:01:58); 9. Turn left onto C C Sandidge Rd (Distance: 620.1 feet, Est. Time: 0:00:17); 10. Turn right (Distance: 1033.5 feet, Est. Time: 0:00:47); Total Distance: 34.7 miles, Total Est. Time: 0:42:37; Rig is located 622.2 feet to the E.

OPERATOR: AETHON ENERGY OPERATING L

SHANNON LAPRADE **2147503382** **12377 MERIT DR SUITE 1200, DALLAS TX**

Drill Type:	D	Well:	HA RA SU81;CHARRY 1-36-25 HC 002-ALT	Rig Name/No.:	Trinidad 135	Well Type:	OTHER
Field:	ELM GROVE	Formation:	HAYNESVILLE	Permit Depth:	22,500 ft	Spud Date:	2017-10-23
API 10/UWI:	17-015-25104	Lat/Long:	32.413246 / -93.4701562	Rated HP:	1500	Permit Approval Date:	2017-10-06

OPERATOR: BHP BILLITON PETRO (KCS RESOURCES), LLC

BHP BILLITON PETROLEUM **3186822442** **1360 POST OAK BLVD SUITE 150, HOUSTON TX**

Drill Type:	D	Well:	HA RA SU127;WYBLE 29-32 HC 001-ALT	Rig Name/No.:	Sidewinder 101	Well Type:	OTHER
Field:	ELM GROVE	Formation:	HA	Permit Depth:	19,679 ft	Spud Date:	2017-10-27
API 10/UWI:	17-015-25082	Lat/Long:	32.3438972 / -93.5154433	Rated HP:	1500	Permit Approval Date:	2017-05-25

1. Head west on Simpson St toward Benton Rd (Distance: 82.0 feet, Est. Time: 0:00:03); 2. Turn left onto LA-3 S/Benton Rd (Distance: 11.8 miles, Est. Time: 0:16:22); 3. Turn right onto E Texas St (Distance: 0.5 miles, Est. Time: 0:01:18); 4. Turn left onto Hamilton Rd (Distance: 1.0 miles, Est. Time: 0:03:13); 5. Continue onto Diamond Jacks Blvd (Distance: 370.7 feet, Est. Time: 0:00:18); 6. Turn left onto Arthur Ray Teague Pkwy (Distance: 4.3 miles, Est. Time: 0:05:34); 7. Turn left onto Curtis Loop/Walker PlContinue to follow Walker Pl (Distance: 0.4 miles, Est. Time: 0:00:51); 8. Turn right onto US-71 S/Barksdale BlvdContinue to follow US-71 S (Distance: 10.8 miles, Est. Time: 0:13:26); 9. Turn left onto LA-154 E/LA-157 S (Distance: 2.5 miles, Est. Time: 0:03:02); 10. Turn right (Distance: 0.6 miles, Est. Time: 0:01:23); Total Distance: 31.8 miles, Total Est. Time: 0:45:30; Rig is located 0.4 miles to the E.

CADDO COUNTY COUNT: 6 TOTAL

OPERATOR: BHP BILLITON PETRO (TXLA OPERATING) CO.

JEFF RAY **7139934199** **1360 POST OAK BLVD SUITE 150, HOUSTON TX**

Drill Type:	D	Well:	LCV RA SU75;SNJ ETAL 19 H 004-ALT	Rig Name/No.:	H&P 528	Well Type:	OTHER
Field:	ELM GROVE	Formation:	LCV	Permit Depth:	16,472 ft	Spud Date:	2017-12-31
API 10/UWI:	17-017-36146	Lat/Long:	32.3528965 / -93.6434417	Rated HP:	1500	Permit Approval Date:	2017-11-15

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 1.1 miles, Est. Time: 0:01:17); 7. Take exit 17B for I-49 S toward Alexandria (Distance: 0.8 miles, Est. Time: 0:00:52); 8. Continue onto I-49 S (Distance: 4.6 miles, Est. Time: 0:04:10); 9. Take exit 201 to merge onto LA-3132 E (Distance: 3.2 miles, Est. Time: 0:03:26); 10. Turn left onto LA-523/E Flournoy Lucas Rd (Distance: 1.3 miles, Est. Time: 0:02:18); 11. Turn right onto LA-1 S (Distance: 3.7 miles, Est. Time: 0:04:06); 12. Turn right onto Harts Island Rd (Distance: 0.3 miles, Est. Time: 0:00:56); 13. Turn right onto Robson Rd (Distance: 288.7 feet, Est. Time: 0:00:10); 14. Turn left (Distance: 0.5 miles, Est. Time: 0:03:10); Total Distance: 17.0 miles, Total Est. Time: 0:25:28; Rig is located 0.5 miles to the SE.

OPERATOR: BHP BILLITON PETRO (TXLA OPERATING) CO.

BHP BILLITON PETROLEUM **3186822442** **1360 POST OAK BLVD SUITE 150, HOUSTON TX**

Drill Type:	D	Well:	HA RA SUEE;CAPLIS 32-29 HC 001-ALT	Rig Name/No.:	Nabors 1205	Well Type:	OTHER
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Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

Field: ELM GROVE	Formation: HA	Permit Depth: 21,956 ft	Spud Date: 2017-12-02
API 10/UWI: 17-017-36137	Lat/Long: 32.32664 / -93.62464	Rated HP:	Permit Approval Date: 2017-11-02

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 1.1 miles, Est. Time: 0:01:17); 7. Take exit 17B for I-49 S toward Alexandria (Distance: 0.8 miles, Est. Time: 0:00:52); 8. Continue onto I-49 S (Distance: 4.6 miles, Est. Time: 0:04:10); 9. Take exit 201 to merge onto LA-3132 E (Distance: 3.2 miles, Est. Time: 0:03:26); 10. Turn left onto LA-523/E Flournoy Lucas Rd (Distance: 1.3 miles, Est. Time: 0:02:18); 11. Turn right onto LA-1 S (Distance: 6.0 miles, Est. Time: 0:06:21); 12. Turn right onto LA-175 S (Distance: 0.7 miles, Est. Time: 0:01:37); 13. Turn left (Distance: 0.3 miles, Est. Time: 0:02:04); Total Distance: 19.4 miles, Total Est. Time: 0:27:08; Rig is located 0.3 miles to the SW

OPERATOR: CHESAPEAKE OPERATING, L.L.C				
VICKIE COLLINS		3187467388		3365 SLIGO RD, HAUGHTON LA
Drill Type: D	Well: HA RA SUW;GEPH30&19&18-16-15HC 001-ALT	Rig Name/No.: Patterson 586	Well Type: OTHER	
Field: JOHNSON BRANCH	Formation: HAYNESVILLE	Permit Depth: 27,865 ft	Spud Date: 2017-12-23	
API 10/UWI: 17-017-36082	Lat/Long: 32.3406 / -93.93829	Rated HP: 1500	Permit Approval Date: 2017-06-06	

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 13.3 miles, Est. Time: 0:12:31); 7. Take exit 5 for US-80 W toward Greenwood (Distance: 981.0 feet, Est. Time: 0:00:34); 8. Turn left onto US-80 W/Greenwood Rd (Distance: 1.5 miles, Est. Time: 0:02:50); 9. Turn left onto LA-169 S/Greenwood Springridge Rd (Distance: 8.1 miles, Est. Time: 0:09:57); Total Distance: 24.4 miles, Total Est. Time: 0:30:55; Rig is located 0.5 miles to the E.

OPERATOR: CHESAPEAKE OPERATING, L.L.C				
VICKIE COLLINS		3186584810		3365 SLIGO RD, HAUGHTON LA
Drill Type: D	Well: HA RA SU82;CADPAR19&18-15-15HC 001-ALT	Rig Name/No.: H&P 534	Well Type: OTHER	
Field: BETHANY LONGSTREET	Formation: HAYNESVILLE	Permit Depth: 22,945 ft	Spud Date: 2017-12-20	
API 10/UWI: 17-017-36119	Lat/Long: 32.2688925 / -93.9456173	Rated HP: 1500	Permit Approval Date: 2017-08-28	

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 10.5 miles, Est. Time: 0:10:04); 7. Take exit 8 for LA-526 E (Distance: 0.3 miles, Est. Time: 0:00:34); 8. Slight right onto LA-526/W Bert Kouns Industrial Loop (Distance: 2.2 miles, Est. Time: 0:03:29); 9. Turn right onto Wbolworth Rd (Distance: 147.6 feet, Est. Time: 0:00:07); 10. Turn left onto Par Rd 7/Wbolworth Rd (Distance: 5.6 miles, Est. Time: 0:07:22); 11. Turn right onto LA-525 S (Distance: 3.2 miles, Est. Time: 0:04:16); 12. Turn left onto LA-169 S (Distance: 1.0 miles, Est. Time: 0:01:36); 13. Turn left onto LA-789 S (Distance: 2.6 miles, Est. Time: 0:03:17); 14. Turn right onto Mike Clark Rd (Distance: 1.0 miles, Est. Time: 0:01:57); Total Distance: 27.7 miles, Total Est. Time: 0:37:45; Rig is located 0.7 miles to the NW

OPERATOR: COMSTOCK OIL & GAS--LA, LLC				
RHONDA KASCHMITTER		9726688828		5300 TOWN AND COUNTRY BLVD STE 500, FRISCO TX
Drill Type: D	Well: HA RA SU64; COOK 21-28 HC 001	Rig Name/No.: H&P 418	Well Type: OTHER	
Field: GREENWOOD-WASKOM	Formation: HAYNESVILLE	Permit Depth: 13,000 ft	Spud Date: 2017-12-06	
API 10/UWI: 17-017-36142	Lat/Long: 32.3696699 / -94.0049465	Rated HP: 1500	Permit Approval Date: 2017-11-13	

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 13.3 miles, Est. Time: 0:12:31); 7. Take exit 5 for US-80 W toward Greenwood (Distance: 981.0 feet, Est. Time: 0:00:34); 8. Turn left onto US-80 W/Greenwood Rd (Distance: 1.5 miles, Est. Time: 0:02:50); 9. Turn left onto LA-169 S/Greenwood Springridge Rd (Distance: 4.1 miles, Est. Time: 0:05:15); 10. Turn right onto Buncomb Rd/Buncombe Rd/Par Rd 8 (Distance: 2.2 miles, Est. Time: 0:02:50); 11. Turn left onto Cook Rd (Distance: 0.4 miles, Est. Time: 0:00:44); Total Distance: 23.1 miles, Total Est. Time: 0:29:47; Rig is located 0.4 miles to the W

OPERATOR: COMSTOCK OIL & GAS--LA, LLC				
RHONDA KASCHMITTER		9726688828		5300 TOWN AND COUNTRY BLVD STE 500, FRISCO TX
Drill Type: D	Well: HA RA SU103;FLORSHEIM 9-16 HC 001	Rig Name/No.: H&P 452	Well Type: OTHER	
Field: GREENWOOD-WASKOM	Formation: HAYNESVILLE	Permit Depth: 22,000 ft	Spud Date: 2017-12-19	
API 10/UWI: 17-017-36125	Lat/Long: 32.4863577 / -94.0038514	Rated HP: 1500	Permit Approval Date: 2017-09-19	

1. Head north on Clyde Fant Memorial Pkwy/Clyde Fant Pkwy (Distance: 101.7 feet, Est. Time: 0:00:02); 2. Slight left onto Clyde Fant Memorial Pkwy (Distance: 652.9 feet, Est. Time: 0:00:23); 3. Turn left at the 1st cross street onto Airport Dr (Distance: 0.4 miles, Est. Time: 0:01:39); 4. Turn left onto N Market St (Distance: 0.6 miles, Est. Time: 0:02:25); 5. Keep left to continue on Market St (Distance: 1046.6 feet, Est. Time: 0:00:34); 6. Take the ramp onto I-20 W (Distance: 15.1 miles, Est. Time: 0:14:07); 7. Take exit 3 for LA-169 S toward US-79 S/Mooringsport/Carthage Tx (Distance: 859.6 feet, Est. Time: 0:00:21); 8. Sharp left onto LA-169 S/Greenwood Mooringsport Rd (signs for Carthage/S U.S. 79) (Distance: 0.4 miles, Est. Time: 0:01:23); 9. Turn right onto US-80 W/Entering Texas (Distance: 4.4 miles, Est. Time: 0:05:40); 10. Turn right onto State Line Rd/Entering Louisiana (Distance: 1.1 miles, Est. Time: 0:02:42); 11. Turn right onto Waskom Rd (Distance: 0.9 miles, Est. Time: 0:01:58); 12. Continue straight onto Brewton Rd (Distance: 692.3 feet, Est. Time: 0:00:29); 13. Turn left onto Toal Rd (Distance: 377.3 feet, Est. Time: 0:00:22); 14. Turn right (Distance: 0.3 miles, Est. Time: 0:00:59); 15. Turn left (Distance: 1.4 miles, Est. Time: 0:04:42); Total Distance: 25.3 miles, Total Est. Time: 0:37:46; Rig is located 0.8 miles to the SE.

DE SOTO COUNTY				COUNT: 20 TOTAL
OPERATOR: AETHON ENERGY OPERATING LLC				
SHANNON LAPRADE		2147503382		12377 MERIT DR SUITE 1200, DALLAS TX
Drill Type: D	Well: HA RA SUKK;SUSIE B OSBY ETAL14 002	Rig Name/No.: Nabors X06	Well Type: OTHER	
Field:	Formation:	Permit Depth:	Spud Date: 2017-11-21	
API 10/UWI: 17-031-24685	Lat/Long: 32.0555382 / -93.7373199	Rated HP: 1500	Permit Approval Date:	

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

OPERATOR: CHESAPEAKE OPERATING, L.L.C					
VICKIE COLLINS		3187467388		3365 SLIGO RD, HAUGHTON LA	
Drill Type:	D	Well:	HA RA SUPP;NGLSH 12&13-12-13HC 002-ALT	Rig Name/No.:	Patterson 587
Field:	RED RIVER-BULL BAYOU	Formation:	HAYNESVILLE	Permit Depth:	23,410 ft
API 10/UWI:	17-031-26568	Lat/Long:	32.05015 / -93.65581	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-12-05					
Permit Approval Date: 2017-11-02					
1. Head east on Polk St (Distance: 0.3 miles, Est. Time: 0:00:55); 2. Continue onto US-84 E/McArthur DrContinue to follow US-84 E (Distance: 2.5 miles, Est. Time: 0:03:19); Total Distance: 2.8 miles, Total Est. Time: 0:04:14; Rig is located 624.2 feet to the N.					
OPERATOR: COMSTOCK OIL & GAS--LA, LLC					
RHONDA KASCHMITTER		9726688828		5300 TOWN AND COUNTRY BLVD STE 500, FRISCO TX	
Drill Type:	D	Well:	HA RA SUW;BSMC LA 13-24 HC 001-ALT	Rig Name/No.:	Nabors X01
Field:	BENSON	Formation:	HAYNESVILLE	Permit Depth:	23,000 ft
API 10/UWI:	17-031-26559	Lat/Long:	31.85987 / -93.86407	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-12-18					
Permit Approval Date: 2017-10-24					
1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn left onto Jenkins St (Distance: 0.6 miles, Est. Time: 0:01:32); 3. Turn right onto US-84 W/Washington AveContinue to follow US-84 W (Distance: 5.1 miles, Est. Time: 0:06:06); 4. Turn left onto LA-481 S (Distance: 6.4 miles, Est. Time: 0:07:49); 5. Turn right onto State Rte 539 (Distance: 3.7 miles, Est. Time: 0:06:16); 6. Continue onto International Fire Lane Rd (Distance: 1.9 miles, Est. Time: 0:05:33); 7. Turn left onto Grapevine Ave (Distance: 0.8 miles, Est. Time: 0:02:08); Total Distance: 19.3 miles, Total Est. Time: 0:31:26; Rig is located 654.1 feet to the SE.					
OPERATOR: COVEY PARK GAS LLC					
CHERYL MORRIS		4692831687		8401 N CENTRAL EXPWY STE 700, DALLAS TX	
Drill Type:	D	Well:	HA RB SUCC;WEYERHAEUSER14-11HC 002-ALT	Rig Name/No.:	Patterson 269
Field:	BETHANY LONGSTREET	Formation:	HAYNESVILLE SHALE	Permit Depth:	22,540 ft
API 10/UWI:	17-031-26557	Lat/Long:	32.10829 / -93.87662	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-11-26					
Permit Approval Date: 2017-10-20					
1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 6.9 miles, Est. Time: 0:06:50); 3. Turn left onto State Rte 3015/Shelby StContinue to follow State Rte 3015 (Distance: 4.9 miles, Est. Time: 0:06:14); 4. Turn right onto Par Rd 44/Smyrna Rd (Distance: 0.6 miles, Est. Time: 0:01:18); 5. Turn right to stay on Par Rd 44/Smyrna Rd (Distance: 0.3 miles, Est. Time: 0:00:44); 6. Turn right onto Abington Rd (Distance: 0.8 miles, Est. Time: 0:03:25); Total Distance: 14.2 miles, Total Est. Time: 0:20:33; Rig is located 0.4 miles to the NW					
OPERATOR: COVEY PARK GAS LLC					
CHERYL MORRIS		4692831687		8401 N CENTRAL EXPWY STE 700, DALLAS TX	
Drill Type:	D	Well:	HA RB SU00;WILSON 7-6 HC 001-ALT	Rig Name/No.:	Patterson 271
Field:	BETHANY LONGSTREET	Formation:	HAYNESVILLE	Permit Depth:	20,700 ft
API 10/UWI:	17-031-26556	Lat/Long:	32.12897 / -93.84438	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-11-17					
Permit Approval Date: 2017-10-12					
1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 10.8 miles, Est. Time: 0:10:30); 3. Turn left onto Circle M Dr (Distance: 0.4 miles, Est. Time: 0:01:12); 4. Turn left onto Percheron Dr (Distance: 0.4 miles, Est. Time: 0:00:51); 5. Turn left onto Stirrup Ln (Distance: 0.5 miles, Est. Time: 0:01:51); 6. Turn left onto Branding Iron Dr (Distance: 754.6 feet, Est. Time: 0:00:37); 7. Turn right onto Mays Dr (Distance: 876.0 feet, Est. Time: 0:00:38); Total Distance: 13.2 miles, Total Est. Time: 0:17:41; Rig is located 609.1 feet to the E.					
OPERATOR: COVEY PARK GAS LLC					
CHERYL MORRIS		4692831687		8401 N CENTRAL EXPWY STE 700, DALLAS TX	
Drill Type:	D	Well:	HA RB SU67;COOK 6 H 001-ALT	Rig Name/No.:	Patterson 209
Field:	BETHANY LONGSTREET	Formation:	HAYNESVILLE	Permit Depth:	17,800 ft
API 10/UWI:	17-031-26580	Lat/Long:	32.13657 / -93.84869	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-12-09					
Permit Approval Date: 2017-11-20					
1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 10.8 miles, Est. Time: 0:10:30); 3. Turn left onto Circle M Dr (Distance: 0.4 miles, Est. Time: 0:01:12); 4. Turn left onto Percheron Dr (Distance: 0.4 miles, Est. Time: 0:00:51); 5. Turn left onto Stirrup LnDestination will be on the right (Distance: 892.4 feet, Est. Time: 0:00:39); Total Distance: 12.6 miles, Total Est. Time: 0:15:14; Rig is located 324.7 feet to the W					
OPERATOR: COVEY PARK GAS LLC					
CHERYL MORRIS		4692831687		8401 N CENTRAL EXPWY STE 700, DALLAS TX	
Drill Type:	D	Well:	HA RA SU56;S E JOHNSON 29-32HC 002-ALT	Rig Name/No.:	Patterson 281
Field:	BETHANY LONGSTREET	Formation:	HAYNESVILLE	Permit Depth:	20,120 ft
API 10/UWI:	17-031-26555	Lat/Long:	32.17344 / -93.92342	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-12-23					
Permit Approval Date: 2017-10-12					
1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 14.8 miles, Est. Time: 0:14:22); 3. Turn left onto LA-5 S (Distance: 4.1 miles, Est. Time: 0:05:30); 4. Turn left to stay on LA-5 S (Distance: 1.4 miles, Est. Time: 0:02:08); 5. Turn rightRestricted usage road (Distance: 0.3 miles, Est. Time: 0:01:13); Total Distance: 21.4 miles, Total Est. Time: 0:25:15; Rig is located 0.4 miles to the N.					
OPERATOR: EXCO OPERATING COMPANY, LP					
PHILIP POINTS		2143682084		12377 MERIT DR STE 1700, DALLAS TX	
Drill Type:	D	Well:	HA RA SU88;TL SMITH 13 001-ALT	Rig Name/No.:	Nabors F35
Field:	CASPIANA	Formation:	HAYNESVILLE	Permit Depth:	18,000 ft
API 10/UWI:	17-031-26550	Lat/Long:	32.2953 / -93.75822	Rated HP:	1500
Well Type: OTHER					
Spud Date: 2017-12-18					
Permit Approval Date: 2017-10-11					

71 LOCATIONS BY AREA

JANUARY 03, 2018

1. Head east on Polk St (Distance: 0.3 miles, Est. Time: 0:00:55); 2. Turn left onto Lake Rd (Distance: 0.5 miles, Est. Time: 0:01:14); 3. Turn left onto LA-175 N (Distance: 12.9 miles, Est. Time: 0:14:43); 4. Turn left to merge onto I-49 N (Distance: 4.9 miles, Est. Time: 0:04:20); 5. Take exit 191 for LA-3276 toward Stonewall (Distance: 0.3 miles, Est. Time: 0:00:26); 6. Turn left onto LA-3276 W (signs for Stonewall) (Distance: 0.7 miles, Est. Time: 0:01:15); 7. Turn right onto Linwood Ave Destination will be on the left (Distance: 1.0 miles, Est. Time: 0:01:27); Total Distance: 20.6 miles, Total Est. Time: 0:24:20; Rig is located 502.0 feet to the W

OPERATOR: EXCO OPERATING COMPANY, LP					
PHILIP POINTS		2143682084		12377 MERIT DR STE 1700, DALLAS TX	
Drill Type:	D	Well:	NABORS 12-1 HC 001	Rig Name/No.:	Nabors 890
Field:	RED RIVER-BULL BAYOU	Formation:	HAYNESVILLE	Permit Depth:	23,000 ft
API 10/UWI:	17-031-26498	Lat/Long:	32.12251 / -93.64969	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-11-14
				Permit Approval Date:	2017-06-02

1. Head east on Polk St (Distance: 0.3 miles, Est. Time: 0:00:55); 2. Turn left onto Lake Rd (Distance: 0.5 miles, Est. Time: 0:01:14); 3. Turn left onto LA-175 N (Distance: 2.9 miles, Est. Time: 0:03:27); 4. Slight right onto Par Rd 14/Sloan Rd/Upper Lake Rd Continue to follow Par Rd 14/Sloan Rd (Distance: 4.2 miles, Est. Time: 0:06:26); 5. Turn right (Distance: 265.7 feet, Est. Time: 0:00:25); Total Distance: 8.0 miles, Total Est. Time: 0:12:27; Rig is located 0.8 miles to the S.

OPERATOR: GEP HAYNESVILLE, LLC					
GEP HAYNESVILLE, LLC		9722080432		1425 LAKE FRONT, THE WOODLANDS TX	
Drill Type:	D	Well:	MOHAM ETAL 25-36 H 003	Rig Name/No.:	Independence 208
Field:	BETHANY LONGSTREET	Formation:	NON UNITIZED LWR HA	Permit Depth:	19,200 ft
API 10/UWI:	17-031-26573	Lat/Long:	32.1799293 / -93.8615403	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-19
				Permit Approval Date:	2017-11-13

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 14.8 miles, Est. Time: 0:14:22); 3. Turn left onto LA-5 S (Distance: 2.1 miles, Est. Time: 0:02:58); 4. Turn left onto Glen Martin Rd (Distance: 0.6 miles, Est. Time: 0:03:11); 5. Turn right to stay on Glen Martin Rd (Distance: 839.9 feet, Est. Time: 0:00:46); 6. Turn right to stay on Glen Martin Rd (Distance: 0.3 miles, Est. Time: 0:01:07); Total Distance: 18.7 miles, Total Est. Time: 0:24:26; Rig is located 627.7 feet to the NE.

OPERATOR: GEP HAYNESVILLE, LLC					
HALLIE BIER		2813639161		1425 LAKE FRONT, THE WOODLANDS TX	
Drill Type:	D	Well:	TWO MILE 25-36 H 001	Rig Name/No.:	Independence 203
Field:	BETHANY LONGSTREET	Formation:	NON UNITIZED U HA	Permit Depth:	18,100 ft
API 10/UWI:	17-031-26571	Lat/Long:	32.1795507 / -93.8521026	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2018-01-01
				Permit Approval Date:	2017-11-13

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 14.8 miles, Est. Time: 0:14:22); 3. Turn left onto LA-5 S (Distance: 1.3 miles, Est. Time: 0:02:07); 4. Turn left onto Mosely Rd (Distance: 0.5 miles, Est. Time: 0:02:14); 5. Turn left to stay on Mosely Rd (Distance: 0.4 miles, Est. Time: 0:01:35); Total Distance: 17.7 miles, Total Est. Time: 0:22:20; Rig is located 0.4 miles to the SE.

OPERATOR: INDIGO HAYNESVILLE LLC					
ADONYA DRYDEN		3184292277		600 TRAVIS STREET SUITE 5500, HOUSTON TX	
Drill Type:	D	Well:	HA RA SUH;SMITH 27&34-11-11 HC 001-ALT	Rig Name/No.:	Nabors X07
Field:	CHEMARD LAKE	Formation:	HAYNESVILLE	Permit Depth:	22,000 ft
API 10/UWI:	17-031-26574	Lat/Long:	31.90864 / -93.47906	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-21
				Permit Approval Date:	2017-11-15

1. Head east on Polk St (Distance: 0.3 miles, Est. Time: 0:00:57); 2. Turn right to stay on Polk St (Distance: 813.6 feet, Est. Time: 0:00:32); 3. Turn right onto LA-175 S/Louise St Continue to follow LA-175 S (Distance: 11.3 miles, Est. Time: 0:13:03); 4. Turn left onto LA-346 E (Distance: 6.9 miles, Est. Time: 0:09:05); 5. Turn right onto LA-177 S (Distance: 0.9 miles, Est. Time: 0:01:22); 6. Turn right (Distance: 0.7 miles, Est. Time: 0:02:44); 7. Continue onto Par Rd 482 (Distance: 1069.6 feet, Est. Time: 0:00:46); 8. Par Rd 482 turns left and becomes Par Rd 1020 (Distance: 0.5 miles, Est. Time: 0:01:45); Total Distance: 20.9 miles, Total Est. Time: 0:30:14; Rig is located 717.3 feet to the SE.

OPERATOR: INDIGO MINERALS LLC					
BRAD ROME		7132375004		600 TRAVIS STE 5500, HOUSTON TX	
Drill Type:	D	Well:	WHITE 1&36-12-15 H 001	Rig Name/No.:	Big E 2
Field:	BETHANY LONGSTREET	Formation:	HOSSTON & COTTON VALLEY	Permit Depth:	22,000 ft
API 10/UWI:	17-031-26494	Lat/Long:	32.0535022 / -93.8643373	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-06
				Permit Approval Date:	2017-05-31

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 6.9 miles, Est. Time: 0:06:50); 3. Turn left onto State Rte 3015/Shelby St Continue to follow State Rte 3015 (Distance: 3.5 miles, Est. Time: 0:04:26); 4. Turn left onto Lb Bagley Rd (Distance: 2.3 miles, Est. Time: 0:04:35); Total Distance: 13.4 miles, Total Est. Time: 0:17:53; Rig is located 0.3 miles to the E.

OPERATOR: INDIGO MINERALS LLC					
ADONYA DRYDEN		3184292277		600 TRAVIS STE 5500, HOUSTON TX	
Drill Type:	D	Well:	RIVES 7&18-13-14 H 001	Rig Name/No.:	Nabors X33
Field:	BETHANY LONGSTREET	Formation:	NOT UNITIZED COTTON VALLEY	Permit Depth:	19,000 ft
API 10/UWI:	17-031-26548	Lat/Long:	32.12865 / -93.84799	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-02
				Permit Approval Date:	2017-10-09

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 10.8 miles, Est. Time: 0:10:30); 3. Turn left onto Circle M Dr (Distance: 0.4 miles, Est. Time: 0:01:12); 4. Turn left onto Percheron Dr (Distance: 0.4 miles, Est. Time: 0:00:51); 5. Turn left onto Stirrup Ln (Distance: 0.5 miles, Est. Time: 0:01:51); 6. Turn left onto Branding Iron Dr (Distance: 754.6 feet, Est. Time: 0:00:37); 7. Turn right onto Mays Dr (Distance: 1013.8 feet, Est. Time: 0:00:44); Total Distance: 13.3 miles, Total Est. Time: 0:17:47; Rig is located 1184.1 feet to the W

OPERATOR: INDIGO MINERALS LLC					
ADONYA DRYDEN		3184292277		600 TRAVIS STE 5500, HOUSTON TX	
Drill Type:	D	Well:	DGLAS 36&1-13-15 H 002	Rig Name/No.:	H&P 397
Field:	BETHANY LONGSTREET	Formation:	NOT UNITIZED HAYNESVILLE Q	Permit Depth:	22,500 ft
API 10/UWI:	17-031-26497	Lat/Long:	32.079412 / -93.8576016	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-31
				Permit Approval Date:	2017-05-31

Active Rigs by Operators

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1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 6.9 miles, Est. Time: 0:06:50); 3. Turn left onto State Rte 3015/Shelby StContinue to follow State Rte 3015 (Distance: 2.9 miles, Est. Time: 0:03:46); 4. Turn left (Distance: 301.8 feet, Est. Time: 0:01:03); Total Distance: 10.6 miles, Total Est. Time: 0:13:41; Rig is located 0.6 miles to the S.

OPERATOR: INDIGO MINERALS LLC					
BRAD ROME		7132375004		600 TRAVIS STE 5500, HOUSTON TX	
Drill Type:	D	Well:	LONG 33&4&9-13-15 H 002	Rig Name/No.:	Patterson 239
Field:	BETHANY LONGSTREET	Formation:	NON-UNITIZED HAYNESVILLE X	Permit Depth:	21,000 ft
API 10/UWI:	17-031-26540	Lat/Long:	32.06947 / -93.91122	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-28
				Permit Approval Date:	2017-09-22

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 6.9 miles, Est. Time: 0:06:50); 3. Turn left onto State Rte 3015/Shelby StContinue to follow State Rte 3015 (Distance: 4.9 miles, Est. Time: 0:06:14); 4. Turn left onto Par Rd 109 1a/Smyrna RdContinue to follow Smyrna Rd (Distance: 1.4 miles, Est. Time: 0:02:21); 5. Turn right to stay on Smyrna Rd (Distance: 0.9 miles, Est. Time: 0:01:31); 6. Turn right onto Wood Springs Longstreet Rd (Distance: 0.4 miles, Est. Time: 0:01:33); Total Distance: 15.3 miles, Total Est. Time: 0:20:31; Rig is located 0.3 miles to the N.

OPERATOR: INDIGO MINERALS LLC					
ADONYA DRYDEN		3184292277		600 TRAVIS STE 5500, HOUSTON TX	
Drill Type:	D	Well:	L C BLUNTJR ETUX 5-32 H 002	Rig Name/No.:	Nabors X03
Field:	GRAND CANE, NORTH	Formation:	NON-UNITIZED MIDDLE HAYNESVILLE	Permit Depth:	20,500 ft
API 10/UWI:	17-031-26340	Lat/Long:	32.04844 / -93.82547	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-02
				Permit Approval Date:	2016-06-15

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn right onto US-171 N (Distance: 6.7 miles, Est. Time: 0:06:36); 3. Turn left onto Eatman St (Distance: 367.5 feet, Est. Time: 0:00:21); 4. Turn left onto Blunt Mill Rd/Grand Cane Logansport RdContinue to follow Blunt Mill Rd (Distance: 2.2 miles, Est. Time: 0:03:36); 5. Turn right onto Blount Rd/Mounce Rd (Distance: 0.6 miles, Est. Time: 0:01:05); Total Distance: 10.4 miles, Total Est. Time: 0:13:40; Rig is located 741.2 feet to the S.

OPERATOR: VINE OIL & GAS LP					
SHARON COOK		9722080432		5800 GRANITE PKWY, STE 550, PLANO TX	
Drill Type:	D	Well:	HA RA SUB;SAN PATRICIO 7 H 006-ALT	Rig Name/No.:	Cactus 158
Field:	BENSON	Formation:	HAYNESVILLE	Permit Depth:	19,000 ft
API 10/UWI:	17-031-25759	Lat/Long:	31.8731672 / -93.6388902	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-07
				Permit Approval Date:	2017-10-31

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn left onto US-171 S/Jenkins StContinue to follow US-171 S (Distance: 12.4 miles, Est. Time: 0:13:01); 3. Turn left onto LA-512 E (Distance: 3.4 miles, Est. Time: 0:04:26); Total Distance: 16.6 miles, Total Est. Time: 0:19:29; Rig is located 743.0 feet to the S.

OPERATOR: VINE OIL & GAS LP					
SHARON COOK		9722080432		5800 GRANITE PKWY, STE 550, PLANO TX	
Drill Type:	D	Well:	RED RIVER LA 18-19 H 002	Rig Name/No.:	Patterson 211
Field:	TRENTON	Formation:	JURASSIC	Permit Depth:	21,500 ft
API 10/UWI:	17-031-26584	Lat/Long:	31.94775 / -93.64108	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-25
				Permit Approval Date:	2017-11-22

1. Head east on Polk St (Distance: 0.3 miles, Est. Time: 0:00:57); 2. Turn right to stay on Polk St (Distance: 813.6 feet, Est. Time: 0:00:32); 3. Turn right onto LA-175 S/Louise StContinue to follow LA-175 S (Distance: 4.0 miles, Est. Time: 0:05:24); 4. Turn right onto Par Rd 183 (Distance: 3.2 miles, Est. Time: 0:05:57); 5. Turn right onto San Patricio Rd/Shamar Patrice Rd (Distance: 0.3 miles, Est. Time: 0:01:29); 6. Turn left onto Par Rd 24 (Distance: 0.6 miles, Est. Time: 0:03:04); Total Distance: 8.6 miles, Total Est. Time: 0:17:23; Rig is located 467.0 feet to the SW

OPERATOR: VINE OIL & GAS LP					
SHARON COOK		9722080432		5800 GRANITE PKWY, STE 550, PLANO TX	
Drill Type:	D	Well:	HA RA SUB;SAN PATRICIO 7 H 005-ALT	Rig Name/No.:	Patterson 589
Field:	BENSON	Formation:	HAYNESVILLE	Permit Depth:	19,000 ft
API 10/UWI:	17-031-25758	Lat/Long:	31.87525 / -93.64408	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-15
				Permit Approval Date:	2017-10-31

1. Head west on Polk St toward Myra St (Distance: 0.8 miles, Est. Time: 0:02:02); 2. Turn left onto US-171 S/Jenkins StContinue to follow US-171 S (Distance: 12.4 miles, Est. Time: 0:13:01); 3. Turn left onto LA-512 EDestination will be on the left (Distance: 3.1 miles, Est. Time: 0:04:04); Total Distance: 16.3 miles, Total Est. Time: 0:19:07; Rig is located 515.7 feet to the N.

GRANT COUNTY	COUNT: 1 TOTAL
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OPERATOR: SUNLAND PRODUCTION CO., INC					
SUNLAND PRODUCTION CO., INC.		3182223538		401 EDWARDS STREET SUITE 400, SHREVEPORT LA	
Drill Type:	D	Well:	WX RA SUJJ;NATION 002-ALT	Rig Name/No.:	Fran 1
Field:	BLACK CREEK	Formation:	WILCOX	Permit Depth:	4,600 ft
API 10/UWI:	17-043-20742	Lat/Long:	31.5976 / -92.63237	Rated HP:	600
				Well Type:	OIL
				Spud Date:	2017-10-27
				Permit Approval Date:	2017-08-18

1. Head northwest on 8th St toward Main St (Distance: 45.9 feet, Est. Time: 0:00:04); 2. Turn right onto LA-8 E/Main StContinue to follow LA-8 E (Distance: 2.3 miles, Est. Time: 0:04:08); 3. Turn right onto US-71 S (Distance: 0.8 miles, Est. Time: 0:01:03); 4. Turn left onto LA-8 E (Distance: 2.6 miles, Est. Time: 0:02:54); 5. Turn left onto Lake Rd (Distance: 3.8 miles, Est. Time: 0:06:43); 6. Turn left onto Hyde Landing Rd (Distance: 0.7 miles, Est. Time: 0:01:36); Total Distance: 10.2 miles, Total Est. Time: 0:16:28; Rig is located 0.5 miles to the N.

JACKSON COUNTY	COUNT: 1 TOTAL
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OPERATOR: RANGE LOUISIANA OPERATING, LLC					
SHERI JENNINGS		3462271054		500 DALLAS STREET SUITE 1800, HOUSTON TX	
Drill Type:	D	Well:	GRAVES 2-35 H 001	Rig Name/No.:	Patterson 210
				Well Type:	OTHER

Active Rigs by Operators

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Field:	VERNON	Formation:	NON-UNITIZED CV	Permit Depth:	20,419 ft	Spud Date:	2017-10-15
API 10/UWI:	17-049-20836	Lat/Long:	32.39608 / -92.65284	Rated HP:	1500	Permit Approval Date:	2017-08-29

1. Head north on Allen Ave toward 4th St (Distance: 0.4 miles, Est. Time: 0:01:22); 2. Turn left onto US-167 N (Distance: 11.5 miles, Est. Time: 0:12:37); 3. Turn right onto Lamkin Rd/Par Rd 118 (Distance: 1.0 miles, Est. Time: 0:02:06); 4. Turn left onto Keppler Creek Rd (Distance: 1.5 miles, Est. Time: 0:03:50); Total Distance: 14.4 miles, Total Est. Time: 0:19:55; Rig is located 0.9 miles to the SE.

LINCOLN COUNTY	COUNT: 4 TOTAL
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OPERATOR: RANGE LOUISIANA OPERATING, LLC							
HEATHER DOLPHIN		8324088603		500 DALLAS STREET SUITE 1800, HOUSTON TX			

Drill Type:	D	Well:	WILTCHER 5-8 H 002	Rig Name/No.:	Cactus 147	Well Type:	OTHER
Field:	RUSTON	Formation:	NON U CV	Permit Depth:	19,966 ft	Spud Date:	2017-11-17
API 10/UWI:	17-061-21409	Lat/Long:	32.5816592 / -92.6929973	Rated HP:	1500	Permit Approval Date:	2017-10-23

1. Head north on S Vienna St toward E California Ave (Distance: 0.5 miles, Est. Time: 0:01:50); 2. Turn left onto LA-150 W/W Alabama AveContinue to follow LA-150 W (Distance: 2.4 miles, Est. Time: 0:05:14); 3. Turn right onto Tarbuton Rd (Distance: 1.6 miles, Est. Time: 0:02:47); 4. Turn left onto LA-544 W (Distance: 574.1 feet, Est. Time: 0:00:18); 5. Turn right onto Mitcham Orchard Rd (Distance: 2.3 miles, Est. Time: 0:04:02); 6. Turn right onto Spring Creek Rd (Distance: 967.8 feet, Est. Time: 0:00:28); Total Distance: 7.1 miles, Total Est. Time: 0:14:39; Rig is located 0.3 miles to the S.

OPERATOR: RANGE LOUISIANA OPERATING, LLC							
HEATHER DOLPHIN		8324088603		500 DALLAS STREET SUITE 1800, HOUSTON TX			

Drill Type:	D	Well:	LA MIN 25-36 H 001	Rig Name/No.:	Cactus 141	Well Type:	OTHER
Field:	TERRYVILLE	Formation:	NON-U VGN	Permit Depth:	21,707 ft	Spud Date:	2017-12-26
API 10/UWI:	17-061-21410	Lat/Long:	32.6127966 / -92.8426963	Rated HP:	1500	Permit Approval Date:	2017-11-13

1. Head north on S Vienna St toward E California Ave (Distance: 1.2 miles, Est. Time: 0:03:50); 2. Turn left onto North Service Rd E (Distance: 413.4 feet, Est. Time: 0:00:34); 3. Continue onto Woodward Ave (Distance: 206.7 feet, Est. Time: 0:00:15); 4. Take the Interstate 20 W ramp on the left (Distance: 587.3 feet, Est. Time: 0:00:16); 5. Merge onto I-20 W (Distance: 7.1 miles, Est. Time: 0:06:06); 6. Take exit 77 for LA-563 toward Industry (Distance: 0.3 miles, Est. Time: 0:00:27); 7. Turn right onto LA-563 (Distance: 2.6 miles, Est. Time: 0:03:15); 8. Turn left onto LA-544 W (Distance: 5.4 miles, Est. Time: 0:07:21); Total Distance: 16.8 miles, Total Est. Time: 0:22:04; Rig is located 0.4 miles to the NE.

OPERATOR: RANGE LOUISIANA OPERATING, LLC							
SHERI JENNINGS		3462271054		500 DALLAS STREET SUITE 1800, HOUSTON TX			

Drill Type:	D	Well:	WEYERHAEUSER 30-19 H 001	Rig Name/No.:	Precision 555	Well Type:	OTHER
Field:	TERRYVILLE	Formation:	NON-UNITIZED CV	Permit Depth:	20,421 ft	Spud Date:	2017-12-06
API 10/UWI:	17-061-21512	Lat/Long:	32.5984057 / -92.8283992	Rated HP:	1800	Permit Approval Date:	2017-11-17

1. Head north on S Vienna St toward E California Ave (Distance: 1.2 miles, Est. Time: 0:03:50); 2. Turn left onto North Service Rd E (Distance: 413.4 feet, Est. Time: 0:00:34); 3. Continue onto Woodward Ave (Distance: 206.7 feet, Est. Time: 0:00:15); 4. Take the Interstate 20 W ramp on the left (Distance: 587.3 feet, Est. Time: 0:00:16); 5. Merge onto I-20 W (Distance: 8.5 miles, Est. Time: 0:07:18); 6. Take exit 77 for LA-507 toward Simsboro (Distance: 1040.0 feet, Est. Time: 0:00:23); 7. Keep right at the fork, follow signs for State Rte 507 and merge onto LA-507 S/State Rte 507 S/Martha St (Distance: 0.9 miles, Est. Time: 0:01:24); 8. Turn right onto Braswell Ln/Par Rd 3 (Distance: 426.5 feet, Est. Time: 0:00:21); 9. Turn right onto Par Rd 3/Walnut Creek Rd (Distance: 3.3 miles, Est. Time: 0:05:12); 10. Turn right onto Par Rd 234 (Distance: 1.8 miles, Est. Time: 0:03:05); Total Distance: 16.3 miles, Total Est. Time: 0:22:38; Rig is located 0.4 miles to the NE.

OPERATOR: WILDHORSE RESOURCES MANAGEMENT CO, LLC							
TAMI KING		7132559377		PO BOX 79588, HOUSTON TX			

Drill Type:	D	Well:	MARGARET GURLEY ETAL 14-23 H 001	Rig Name/No.:	Patterson 240	Well Type:	OTHER
Field:	CHOUDRANT	Formation:	NON-UNITIZED UPR COTTON VALLEY	Permit Depth:	22,000 ft	Spud Date:	2017-11-19
API 10/UWI:	17-061-21406	Lat/Long:	32.55128 / -92.54255	Rated HP:	1500	Permit Approval Date:	2017-10-06

1. Head north on S Vienna St toward E California Ave (Distance: 0.5 miles, Est. Time: 0:01:57); 2. Turn right onto E Georgia Ave (Distance: 0.8 miles, Est. Time: 0:01:57); 3. Slight right onto US-80 E/E Georgia AveContinue to follow US-80 E (Distance: 4.2 miles, Est. Time: 0:05:17); 4. Turn left onto Par Rd 442 (Distance: 1.7 miles, Est. Time: 0:02:49); 5. Turn right onto Cheatwood Rd/Par Rd 409 (Distance: 1.2 miles, Est. Time: 0:02:17); Total Distance: 8.4 miles, Total Est. Time: 0:14:17; Rig is located 0.3 miles to the S.

RED RIVER COUNTY	COUNT: 5 TOTAL
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OPERATOR: BHP BILLITON PETRO (TXLA OPERATING) CO.							
BHP BILLITON PETROLEUM		3186822442		1360 POST OAK BLVD SUITE 150, HOUSTON TX			

Drill Type:	D	Well:	HA RA SUE;SAMPLE 5-32 HC 002-ALT	Rig Name/No.:	H&P 533	Well Type:	OTHER
Field:	THORN LAKE	Formation:	HA	Permit Depth:	18,264 ft	Spud Date:	2017-12-21
API 10/UWI:	17-081-21557	Lat/Long:	32.2367878 / -93.5248493	Rated HP:	1500	Permit Approval Date:	2017-08-11

1. Head southeast on Front St toward E Carroll St (Distance: 42.7 feet, Est. Time: 0:00:02); 2. Turn right onto US-84 W/E Carroll StContinue to follow US-84 W (Distance: 2.5 miles, Est. Time: 0:04:22); 3. Turn right to stay on US-84 W (Distance: 8.0 miles, Est. Time: 0:08:50); 4. Continue straight onto LA-1 N (Distance: 13.4 miles, Est. Time: 0:14:02); 5. Turn left onto Yearwood Rd (Distance: 2.2 miles, Est. Time: 0:03:49); 6. Turn left (Distance: 0.5 miles, Est. Time: 0:02:00); Total Distance: 26.6 miles, Total Est. Time: 0:33:05; Rig is located 0.5 miles to the E.

OPERATOR: GOODRICH PETROLEUM COMPANY							
SHELLEY COPELAND		8323993156		801 LOUISIANA SUITE 700, HOUSTON TX			

Drill Type:	D	Well:	HA RA SUDD;EDGAR CASON 14&23HC 002-ALT	Rig Name/No.:	Sidewinder 129	Well Type:	OTHER
Field:	THORN LAKE	Formation:	HAYNESVILLE	Permit Depth:	23,200 ft	Spud Date:	2017-12-10
API 10/UWI:	17-081-21571	Lat/Long:	32.2093643 / -93.4655723	Rated HP:		Permit Approval Date:	2017-11-08

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

1. Head northwest on Front St toward Edgar St (Distance: 1240.2 feet, Est. Time: 0:00:44); 2. Turn right onto Ringgold Ave (Distance: 0.5 miles, Est. Time: 0:01:38); 3. Turn left to stay on Ringgold Ave (Distance: 1.4 miles, Est. Time: 0:02:43); 4. Slight left onto US-71 N/Ringgold AveContinue to follow US-71 N (Distance: 5.4 miles, Est. Time: 0:05:35); 5. Turn left onto LA-515 N (Distance: 8.7 miles, Est. Time: 0:10:19); 6. Turn left onto Par Rd 344 (Distance: 0.8 miles, Est. Time: 0:03:54); 7. Slight right (Distance: 1.1 miles, Est. Time: 0:04:41); Total Distance: 18.1 miles, Total Est. Time: 0:29:34; Rig is located 0.7 miles to the W

OPERATOR: QEP ENERGY COMPANY					
LAURA ABRAMS		3032606745		1050 17TH STREET, SUITE 800, DENVER CO	
Drill Type:	D	Well:	HA RA SUA;WIGGINS 36-25 HC 2-ALT	Rig Name/No.:	Nabors X15
Field:	WOODARDVILLE	Formation:	COTTON VALLEY RESERVOIR B/HOSS	Permit Depth:	1,868 ft
API 10/UWI:	17-081-21380	Lat/Long:	32.23472 / -93.3434	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-09
				Permit Approval Date:	2017-08-18

1. Head northwest on Front St toward Edgar St (Distance: 1240.2 feet, Est. Time: 0:00:44); 2. Turn right onto Ringgold Ave (Distance: 0.5 miles, Est. Time: 0:01:38); 3. Turn left to stay on Ringgold Ave (Distance: 1.4 miles, Est. Time: 0:02:43); 4. Slight left onto US-71 N/Ringgold AveContinue to follow US-71 N (Distance: 10.8 miles, Est. Time: 0:11:12); 5. Turn right onto LA-514 E (Distance: 1.5 miles, Est. Time: 0:02:02); 6. Turn left onto Par Rd 325/Springhill Church RdContinue to follow Springhill Church Rd (Distance: 4.0 miles, Est. Time: 0:07:06); 7. Turn right onto B P 520/Floyd Wood Rd/Par Road 520Continue to follow Floyd Wood Rd (Distance: 1256.6 feet, Est. Time: 0:00:51); 8. Slight left onto Par Rd 523 (Distance: 0.5 miles, Est. Time: 0:01:47); Total Distance: 19.3 miles, Total Est. Time: 0:28:03; Rig is located 770.5 feet to the S.

OPERATOR: VINE OIL & GAS LP					
CHRIS WILLIAMS		4696060540		5800 GRANITE PKWY, STE 550, PLANO TX	
Drill Type:	D	Well:	HA RA SUH;DUPREE 5 H 001-ALT	Rig Name/No.:	Cactus 159
Field:	CARROLL CREEK	Formation:	HAYNESVILLE	Permit Depth:	20,000 ft
API 10/UWI:	17-081-21566	Lat/Long:	32.0472606 / -93.3105857	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-07
				Permit Approval Date:	2017-10-11

1. Head northwest on Front St toward Edgar St (Distance: 1240.2 feet, Est. Time: 0:00:44); 2. Turn right onto Ringgold Ave (Distance: 0.5 miles, Est. Time: 0:01:38); 3. Turn left to stay on Ringgold Ave (Distance: 0.5 miles, Est. Time: 0:01:20); 4. Turn right onto LA-155 E/Ashland Rd (Distance: 1.9 miles, Est. Time: 0:02:38); 5. Turn left (Distance: 301.8 feet, Est. Time: 0:00:47); Total Distance: 3.2 miles, Total Est. Time: 0:07:07; Rig is located 1153.4 feet to the N.

OPERATOR: VINE OIL & GAS LP					
CHRIS WILLIAMS		4696060540		5800 GRANITE PKWY, STE 550, PLANO TX	
Drill Type:	D	Well:	HA RA SUH;BROWN SW MINERALS 5H 002-ALT	Rig Name/No.:	Patterson 760
Field:	CARROLL CREEK	Formation:	HAYNESVILLE	Permit Depth:	18,000 ft
API 10/UWI:	17-081-21564	Lat/Long:	32.09629 / -93.31976	Rated HP:	1000
				Well Type:	OTHER
				Spud Date:	2017-12-13
				Permit Approval Date:	2017-10-02

1. Head northwest on Front St toward Edgar St (Distance: 1240.2 feet, Est. Time: 0:00:44); 2. Turn right onto Ringgold Ave (Distance: 0.5 miles, Est. Time: 0:01:38); 3. Turn left to stay on Ringgold Ave (Distance: 1.4 miles, Est. Time: 0:02:43); 4. Slight right onto US-371 N/Ringgold AveContinue to follow US-371 N (Distance: 4.0 miles, Est. Time: 0:04:15); 5. Turn left (Distance: 0.3 miles, Est. Time: 0:02:03); Total Distance: 6.5 miles, Total Est. Time: 0:11:23; Rig is located 0.5 miles to the SW

SABINE COUNTY					COUNT: 2 TOTAL
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OPERATOR: GEP HAYNESVILLE, LLC					
SHARON COOK		9722080432		1425 LAKE FRONT, THE WOODLANDS TX	
Drill Type:	D	Well:	HA RA SUB;DEANNA SISTRUNK 16 H 003-ALT	Rig Name/No.:	Independence 206
Field:	BAYOU SAN MIGUEL	Formation:	JURASSIC RA	Permit Depth:	18,000 ft
API 10/UWI:	17-085-22358	Lat/Long:	31.7717506 / -93.5998732	Rated HP:	1500
				Well Type:	GAS
				Spud Date:	2017-12-04
				Permit Approval Date:	2017-07-20

1. Head south on N Capitol St toward San Antonio Ave (Distance: 157.5 feet, Est. Time: 0:00:06); 2. Turn right at the 1st cross street onto San Antonio Ave (Distance: 0.3 miles, Est. Time: 0:01:33); 3. Turn right onto Hill St (Distance: 383.9 feet, Est. Time: 0:00:16); 4. Continue onto US-171 N/Elizabeth StContinue to follow US-171 N (Distance: 15.1 miles, Est. Time: 0:14:34); 5. Turn right onto LA-483 N (Distance: 7.1 miles, Est. Time: 0:07:40); 6. Turn right onto LA-174 E/LA-483 NContinue to follow LA-174 E (Distance: 1.2 miles, Est. Time: 0:01:41); 7. Turn right onto Sistrunk Loop (Distance: 2.0 miles, Est. Time: 0:05:18); 8. Turn left onto Free Rd (Distance: 0.3 miles, Est. Time: 0:00:53); 9. Turn right onto Amber Ln (Distance: 836.6 feet, Est. Time: 0:00:30); Total Distance: 26.2 miles, Total Est. Time: 0:32:31; Rig is located 0.4 miles to the SE.

OPERATOR: GEP HAYNESVILLE, LLC					
SHARON COOK		9722080432		1425 LAKE FRONT, THE WOODLANDS TX	
Drill Type:	D	Well:	HA RA SUII;THOMAS GREERETAL17H 001-ALT	Rig Name/No.:	Independence 207
Field:	BAYOU SAN MIGUEL	Formation:	HAYNESVILLE	Permit Depth:	18,300 ft
API 10/UWI:	17-085-22473	Lat/Long:	31.7717822 / -93.6078882	Rated HP:	1500
				Well Type:	OTHER
				Spud Date:	2017-12-04
				Permit Approval Date:	2017-08-11

1. Head south on N Capitol St toward San Antonio Ave (Distance: 157.5 feet, Est. Time: 0:00:06); 2. Turn right at the 1st cross street onto San Antonio Ave (Distance: 0.3 miles, Est. Time: 0:01:33); 3. Turn right onto Hill St (Distance: 383.9 feet, Est. Time: 0:00:16); 4. Continue onto US-171 N/Elizabeth StContinue to follow US-171 N (Distance: 15.1 miles, Est. Time: 0:14:34); 5. Turn right onto LA-483 N (Distance: 7.1 miles, Est. Time: 0:07:40); 6. Turn right onto LA-174 E/LA-483 N (Distance: 1.1 miles, Est. Time: 0:01:33); 7. Turn right onto Sistrunk LoopDestination will be on the right (Distance: 2.3 miles, Est. Time: 0:05:39); Total Distance: 26.0 miles, Total Est. Time: 0:31:21; Rig is located 512.0 feet to the S.

VERNON COUNTY					COUNT: 1 TOTAL
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OPERATOR: TEXEGY OPERATING COMPANY LLC					
Drill Type:		Well:	AUS C RA SUEE;SONAT MINRLS 24 001	Rig Name/No.:	H&P 253
Field:		Formation:		Permit Depth:	
				Spud Date:	2017-12-26

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

API 10/UWI: 17-115-20089 **Lat/Long:** 31.0472488 / -93.4525299 **Rated HP:** 1500 **Permit Approval Date:**

Texas

ANGELINA COUNTY **COUNT: 2 TOTAL**

OPERATOR: BP AMERICA PRODUCTION COMPANY

ANITA CURTIS **2818925782** **ATTN JEANINE HALLER-PISKURICH - 737 NORTH ELDRIDGE PARKWAY, HOUSTON TX**

Drill Type: H **Well:** DINO GAS UNIT 2H **Rig Name/No.:** Sidewinder 102 **Well Type:** GAS

Field: CARTHAGE (HAYNESVILLE SHALE) **Formation:** HAYNESVILLE SHALE **Permit Depth:** 19,500 ft **Spud Date:** 2017-11-18

API 10/UWI: 42-005-30411 **Lat/Long:** 31.38151 / -94.55448 **Rated HP:** 1500 **Permit Approval Date:** 2017-08-29

1. Head north on S 1st St toward E Lufkin Ave (Distance: 0.6 miles, Est. Time: 0:02:22); 2. Turn right onto E Laurel Ave (Distance: 744.8 feet, Est. Time: 0:00:34); 3. Continue onto Atkinson Dr (Distance: 2.7 miles, Est. Time: 0:05:38); 4. Continue onto TX-103 E (Distance: 9.1 miles, Est. Time: 0:08:35); 5. Turn left onto Moorehead Rd (Distance: 1010.5 feet, Est. Time: 0:00:36); 6. Sharp left onto Harley Golden Rd (Distance: 0.4 miles, Est. Time: 0:01:02); 7. Turn right onto Veteto Rd (Distance: 1.1 miles, Est. Time: 0:02:48); 8. Turn left onto County Rd 147F (Distance: 0.9 miles, Est. Time: 0:02:34); Total Distance: 15.0 miles, Total Est. Time: 0:24:09; Rig is located 0.3 miles to the S.

OPERATOR: BP AMERICA PRODUCTION COMPANY

ANITA CURTIS **2818925782** **ATTN JEANINE HALLER-PISKURICH - 737 NORTH ELDRIDGE PARKWAY, HOUSTON TX**

Drill Type: H **Well:** ROCKIES GAS UNIT 1H **Rig Name/No.:** Nabors X02 **Well Type:** GAS

Field: CARTHAGE (HAYNESVILLE SHALE) **Formation:** HAYNESVILLE SHALE **Permit Depth:** 19,500 ft **Spud Date:** 2017-12-18

API 10/UWI: 42-005-30416 **Lat/Long:** 31.31513 / -94.51792 **Rated HP:** 1500 **Permit Approval Date:** 2017-11-15

1. Head south on S 1st St toward E Shepherd Ave (Distance: 0.3 miles, Est. Time: 0:01:35); 2. Slight left onto E Denman Ave (Distance: 4.0 miles, Est. Time: 0:08:48); 3. Continue onto US-69 S (Distance: 6.0 miles, Est. Time: 0:06:46); 4. Turn left onto 4th St/N Main St (Distance: 0.7 miles, Est. Time: 0:02:03); 5. Turn right onto E Pine St (Distance: 639.8 feet, Est. Time: 0:00:18); 6. Turn left at the 1st cross street onto FM328 E/Odell RdContinue to follow FM328 E (Distance: 3.8 miles, Est. Time: 0:05:18); 7. Turn left (Distance: 0.3 miles, Est. Time: 0:01:22); Total Distance: 15.2 miles, Total Est. Time: 0:26:10; Rig is located 0.3 miles to the W

CHEROKEE COUNTY **COUNT: 2 TOTAL**

OPERATOR: JAMEX, INC.

PAULA CLARK **2142657141** **2871 LAKE VISTA DR STE 200, LEWISVILLE TX**

Drill Type: H **Well:** JOHNSON GAS UNIT 1H **Rig Name/No.:** Nabors 206 **Well Type:** OIL & GAS

Field: OVERTON (COTTON VALLEY SAND) **Formation:** COTTON VALLEY SAND **Permit Depth:** 12,000 ft **Spud Date:** 2017-12-20

API 10/UWI: 42-073-31570 **Lat/Long:** 32.09518 / -95.06593 **Rated HP:** 1400 **Permit Approval Date:** 2017-11-29

1. Head east on E 6th St toward Henderson Ave (Distance: 262.5 feet, Est. Time: 0:00:14); 2. Turn left at the 1st cross street onto Henderson Ave (Distance: 0.4 miles, Est. Time: 0:01:38); 3. Continue onto E Johnson Dr (Distance: 1.0 miles, Est. Time: 0:02:03); 4. Turn left onto TX-110 N (Distance: 13.2 miles, Est. Time: 0:13:19); 5. Turn right onto US-79 N (Distance: 2.2 miles, Est. Time: 0:02:32); 6. Turn left onto FM 856 N (Distance: 6.2 miles, Est. Time: 0:07:39); 7. Turn left onto Co Rd 4709 (Distance: 711.9 feet, Est. Time: 0:00:49); 8. Turn right onto Co Rd 4705 (Distance: 1.7 miles, Est. Time: 0:03:40); 9. Turn left onto Co Rd 4708 (Distance: 0.3 miles, Est. Time: 0:00:56); 10. Turn right (Distance: 0.5 miles, Est. Time: 0:01:16); Total Distance: 25.7 miles, Total Est. Time: 0:34:06; Rig is located 0.5 miles to the NW

OPERATOR: VALENCE OPERATING COMPANY

DAVE WILLIS **2813593659** **600 ROCKMEAD DR STE 200, KINGWOOD TX**

Drill Type: H **Well:** MCELROY 2H **Rig Name/No.:** Scan Victory **Well Type:** OIL & GAS

Field: OVERTON (COTTON VALLEY SAND) **Formation:** COTTON VALLEY SAND **Permit Depth:** 11,800 ft **Spud Date:** 2017-12-17

API 10/UWI: 42-073-31568 **Lat/Long:** 32.1261634 / -95.0543661 **Rated HP:** 1500 **Permit Approval Date:** 2017-12-07

1. Head east on E 6th St toward Henderson Ave (Distance: 262.5 feet, Est. Time: 0:00:14); 2. Turn left at the 1st cross street onto Henderson Ave (Distance: 0.4 miles, Est. Time: 0:01:38); 3. Continue onto E Johnson Dr (Distance: 1.0 miles, Est. Time: 0:02:03); 4. Turn left onto TX-110 N (Distance: 13.2 miles, Est. Time: 0:13:19); 5. Turn right onto US-79 N (Distance: 2.2 miles, Est. Time: 0:02:32); 6. Turn left onto FM 856 N (Distance: 8.9 miles, Est. Time: 0:11:04); 7. Turn left onto FM 13 W (Distance: 0.4 miles, Est. Time: 0:00:31); 8. Turn right onto Co Rd 4623 (Distance: 1.5 miles, Est. Time: 0:03:01); 9. Turn left (Distance: 0.8 miles, Est. Time: 0:03:08); 10. Slight left (Distance: 0.3 miles, Est. Time: 0:00:55); Total Distance: 28.7 miles, Total Est. Time: 0:38:25; Rig is located 0.3 miles to the W

GREGG COUNTY **COUNT: 1 TOTAL**

OPERATOR: CCI EAST TEXAS UPSTREAM LLC

CHRISSE SCHAFFNER **2817142966** **ATTN CHRISSE SCHAFFNER - 811 MAIN STREET SUITE 3500, HOUSTON TX**

Drill Type: H **Well:** BUFORD BLOW 3A 1HH **Rig Name/No.:** Nabors X35 **Well Type:** GAS

Field: CARTHAGE (HAYNESVILLE SHALE) **Formation:** HAYNESVILLE SHALE **Permit Depth:** 11,500 ft **Spud Date:** 2017-09-15

API 10/UWI: 42-183-32166 **Lat/Long:** 32.38537 / -94.59119 **Rated HP:** 1500 **Permit Approval Date:** 2017-09-13

1. Head east on W Marshall Ave toward N High St (Distance: 62.3 feet, Est. Time: 0:00:02); 2. Turn right at the 1st cross street onto N High St (Distance: 3.1 miles, Est. Time: 0:07:09); 3. Continue onto Estes Pkwy (Distance: 7.2 miles, Est. Time: 0:10:05); 4. Turn left onto Easton Rd/Farm-to-Market 2906/FM 2906Continue to follow Farm-to-Market 2906/FM 2906 (Distance: 4.0 miles, Est. Time: 0:05:10); 5. Turn right onto Curtis St (Distance: 541.3 feet, Est. Time: 0:00:32); Total Distance: 14.4 miles, Total Est. Time: 0:22:58; Rig is located 0.3 miles to the W

HARRISON COUNTY **COUNT: 2 TOTAL**

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

OPERATOR: BROOKS PETROLEUM COMPANY						
CLIFTON GRACE		9035204579		100 INDEPENDENCE PLACE STE 404, TYLER TX		
Drill Type:	H	Well:	JONES 1H	Rig Name/No.:	Nabors M44	
Field:	WHELAN (PETTIT)	Formation:	PETTIT	Permit Depth:	7,600 ft	
API 10/UWI:	42-203-35289	Lat/Long:	32.61426 / -94.60519	Rated HP:	1000	
		Well Type:	OIL		Spud Date:	2017-12-09
				Permit Approval Date:	2017-11-16	

1. Head east on E Houston St toward S Bolivar St (Distance: 311.7 feet, Est. Time: 0:00:20); 2. Turn left onto S Bolivar St (Distance: 0.3 miles, Est. Time: 0:01:36); 3. Turn left onto E Grand Ave (Distance: 1.7 miles, Est. Time: 0:03:29); 4. Turn right onto TX-390 Loop N (Distance: 459.3 feet, Est. Time: 0:00:15); 5. Turn left onto FM 449 (Distance: 13.2 miles, Est. Time: 0:15:06); 6. Turn right onto Mulberry Ln (Distance: 0.7 miles, Est. Time: 0:02:23); Total Distance: 16.0 miles, Total Est. Time: 0:23:09; Rig is located 0.5 miles to the N.

OPERATOR: RHE OPERATING, LLC						
DONNA HARMON		5124771976		17521 US HWY 69 S SUITE 100, TYLER TX		
Drill Type:	H	Well:	TAYLOR, T. J. 20H	Rig Name/No.:	Basin 103	
Field:	WOODLAWN (COTTON VALLEY)	Formation:	COTTON VALLEY	Permit Depth:	10,100 ft	
API 10/UWI:	42-203-35291	Lat/Long:	32.68503 / -94.22874	Rated HP:	1800	
		Well Type:	OIL & GAS		Spud Date:	2017-12-08
				Permit Approval Date:	2017-11-17	

1. Head east on E Houston St toward S Bolivar St (Distance: 311.7 feet, Est. Time: 0:00:20); 2. Turn left onto S Bolivar St (Distance: 0.3 miles, Est. Time: 0:01:36); 3. Turn right onto E Grand Ave (Distance: 0.9 miles, Est. Time: 0:02:24); 4. Turn left onto E End Blvd N (Distance: 935.0 feet, Est. Time: 0:00:38); 5. Turn right onto TX-43 N (Distance: 14.6 miles, Est. Time: 0:15:02); 6. Turn left onto FM 134 (Distance: 2.0 miles, Est. Time: 0:02:18); 7. Turn left at Pvt Rd 2420 Destination will be on the right (Distance: 1.3 miles, Est. Time: 0:05:13); Total Distance: 19.3 miles, Total Est. Time: 0:27:31; Rig is located 390.8 feet to the NE.

PANOLA COUNTY	COUNT: 6 TOTAL
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OPERATOR: CCI EAST TEXAS UPSTREAM LLC						
CHRISSE SCHAFFNER		2817142966		ATTN CHRISSE SCHAFFNER - 811 MAIN STREET SUITE 3500, HOUSTON TX		
Drill Type:	H	Well:	SN3 FROST ALEXANDER 1HH	Rig Name/No.:	Nabors 897	
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	11,800 ft	
API 10/UWI:	42-365-38341	Lat/Long:	32.17697 / -94.19014	Rated HP:	1500	
		Well Type:	GAS		Spud Date:	2017-12-18
				Permit Approval Date:	2017-11-30	

1. Head east on E Panola St toward Live Oak St (Distance: 367.5 feet, Est. Time: 0:00:14); 2. Turn right at the 1st cross street onto Live Oak St (Distance: 262.5 feet, Est. Time: 0:00:25); 3. Turn left at the 1st cross street onto E Sabine St (Distance: 1.8 miles, Est. Time: 0:03:05); 4. Continue onto US-79 N (Distance: 6.9 miles, Est. Time: 0:06:16); 5. Turn right onto FM123 (Distance: 3.0 miles, Est. Time: 0:03:15); 6. Turn right onto FM 31 S (Distance: 3.9 miles, Est. Time: 0:04:12); 7. Turn right onto Co Rd 447 (Distance: 1.3 miles, Est. Time: 0:04:40); Total Distance: 17.1 miles, Total Est. Time: 0:22:07; Rig is located 0.3 miles to the NW

OPERATOR: ROCKCLIFF ENERGY OPERATING LLC						
JAMIE ROBINSON		7133510534		ATTN JAMIE A ROBINSON - 1301 MCKINNEY STE 1300, HOUSTON TX		
Drill Type:	H	Well:	ALEXANDER GENEVA HV UNIT 2H	Rig Name/No.:	H&P 475	
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	11,000 ft	
API 10/UWI:	42-365-38359	Lat/Long:	32.2590785 / -94.2362641	Rated HP:	1500	
		Well Type:	GAS		Spud Date:	2017-12-06
				Permit Approval Date:	2017-10-18	

1. Head east on E Panola St toward Live Oak St (Distance: 367.5 feet, Est. Time: 0:00:14); 2. Turn right at the 1st cross street onto Live Oak St (Distance: 262.5 feet, Est. Time: 0:00:25); 3. Turn left at the 1st cross street onto E Sabine St (Distance: 1.8 miles, Est. Time: 0:03:05); 4. Continue onto US-79 N (Distance: 8.1 miles, Est. Time: 0:07:20); 5. Turn left onto FM1186 (Distance: 1.3 miles, Est. Time: 0:01:49); Total Distance: 11.4 miles, Total Est. Time: 0:12:53; Rig is located 0.4 miles to the W

OPERATOR: ROCKCLIFF ENERGY OPERATING LLC						
JAMIE ROBINSON		7133510534		ATTN JAMIE A ROBINSON - 1301 MCKINNEY STE 1300, HOUSTON TX		
Drill Type:	H	Well:	CRENSHAW HV UNIT 1H	Rig Name/No.:	Sidewinder 103	
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	12,000 ft	
API 10/UWI:	42-365-38369	Lat/Long:	32.3288395 / -94.1142225	Rated HP:	1500	
		Well Type:	GAS		Spud Date:	2017-12-17
				Permit Approval Date:	2017-12-11	

1. Head east on E Panola St toward Live Oak St (Distance: 367.5 feet, Est. Time: 0:00:14); 2. Turn right at the 1st cross street onto Live Oak St (Distance: 262.5 feet, Est. Time: 0:00:25); 3. Turn left at the 1st cross street onto E Sabine St (Distance: 1.8 miles, Est. Time: 0:03:05); 4. Continue onto US-79 N (Distance: 17.1 miles, Est. Time: 0:15:54); 5. Turn right onto Co Rd 328 (Distance: 0.5 miles, Est. Time: 0:01:12); 6. Turn left to stay on Co Rd 328 (Distance: 0.4 miles, Est. Time: 0:00:49); 7. Turn right (Distance: 0.3 miles, Est. Time: 0:00:50); 8. Turn right (Distance: 0.3 miles, Est. Time: 0:00:42); Total Distance: 20.7 miles, Total Est. Time: 0:23:11; Rig is located 1117.0 feet to the W

OPERATOR: ROCKCLIFF ENERGY OPERATING LLC						
MARTHA BEATTY		9707031438		ATTN JAMIE A ROBINSON - 1301 MCKINNEY STE 1300, HOUSTON TX		
Drill Type:	H	Well:	HUDSON JOHNSON UNIT 3H	Rig Name/No.:	Nabors X17	
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	19,500 ft	
API 10/UWI:	42-365-38355	Lat/Long:	32.20553 / -94.33097	Rated HP:	1500	
		Well Type:	GAS		Spud Date:	2017-12-18
				Permit Approval Date:	2017-10-09	

1. Head west on E Panola St toward Shelby St (Distance: 275.6 feet, Est. Time: 0:00:26); 2. Turn right onto U.S. 59 Business N/St Mary St Continue to follow U.S. 59 Business N (Distance: 1.8 miles, Est. Time: 0:03:19); 3. Continue onto US-59 N (Distance: 1.1 miles, Est. Time: 0:01:16); 4. Turn right onto Co Rd 302 (Distance: 1.3 miles, Est. Time: 0:02:50); Total Distance: 4.3 miles, Total Est. Time: 0:07:51; Rig is located 0.3 miles to the SW

OPERATOR: SABINE OIL & GAS CORPORATION					
DIANNE SUMRALL		8322429635		1415 LOUISIANA STREET STE 1600, HOUSTON TX	
Drill Type:	H	Well:	CENTENNIAL 1 GU 1H	Rig Name/No.:	Patterson 232
		Well Type:	GAS		

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	11,350 ft	Spud Date:	2017-12-06
API 10/UWI:	42-365-38364	Lat/Long:	32.22079 / -94.05622	Rated HP:	1500	Permit Approval Date:	2017-11-16

1. Head east on E Panola St toward Live Oak St (Distance: 367.5 feet, Est. Time: 0:00:14); 2. Turn right at the 1st cross street onto Live Oak St (Distance: 262.5 feet, Est. Time: 0:00:25); 3. Turn left at the 1st cross street onto E Sabine St (Distance: 1.8 miles, Est. Time: 0:03:05); 4. Continue onto US-79 N (Distance: 6.9 miles, Est. Time: 0:06:16); 5. Turn right onto FM123 (Distance: 3.0 miles, Est. Time: 0:03:15); 6. Continue onto FM 31 N (Distance: 790.7 feet, Est. Time: 0:00:14); 7. Continue straight onto FM123 (Distance: 6.9 miles, Est. Time: 0:07:08); 8. Turn right (Distance: 0.3 miles, Est. Time: 0:01:10); Total Distance: 19.3 miles, Total Est. Time: 0:21:47; Rig is located 1138.7 feet to the W.

OPERATOR: TANOS EXPLORATION II, LLC							
MINDY GRIFFIN		9035977667		STE 400 - 821 E SOUTHEAST LOOP 323, TYLER TX			
Drill Type:	H	Well:	HEMBY-CARTER (ALLOC) 1H	Rig Name/No.:	Scan Spirit	Well Type:	GAS
Field:	BECKVILLE (COTTON VALLEY)	Formation:	COTTON VALLEY	Permit Depth:	10,425 ft	Spud Date:	2017-11-09
API 10/UWI:	42-365-38363	Lat/Long:	32.2708261 / -94.5283198	Rated HP:	1000	Permit Approval Date:	2017-10-31

1. Head west on E Panola St toward Shelby St (Distance: 275.6 feet, Est. Time: 0:00:26); 2. Turn right onto St Mary St (Distance: 0.6 miles, Est. Time: 0:01:26); 3. Turn left onto TX-572 Spur W/Cottage Rd (Distance: 1.4 miles, Est. Time: 0:02:08); 4. Continue onto TX-149 W (Distance: 7.4 miles, Est. Time: 0:07:36); 5. Turn left onto FM 124 W/Fairplay RdContinue to follow FM 124 W (Distance: 0.5 miles, Est. Time: 0:01:19); 6. Turn right onto Co Rd 257 (Distance: 2.0 miles, Est. Time: 0:03:31); 7. Continue onto Co Rd 257 (Distance: 2.5 miles, Est. Time: 0:04:09); 8. Turn right onto Co Rd 258 (Distance: 0.9 miles, Est. Time: 0:02:28); Total Distance: 15.3 miles, Total Est. Time: 0:23:03; Rig is located 879.3 feet to the E.

ROBERTSON COUNTY	COUNT: 1 TOTAL
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OPERATOR: O'BENCO, INC.							
HEATHER HAYNES		3188658568		P O BOX 6149, SHREVEPORT LA			
Drill Type:	H	Well:	TNDN (ALLOC) 1H	Rig Name/No.:	Basin 102	Well Type:	GAS
Field:	BALD PRAIRIE (CV CONSOLIDATED)	Formation:	CV CONSOLIDATED	Permit Depth:	12,750 ft	Spud Date:	2017-11-18
API 10/UWI:	42-395-32012	Lat/Long:	31.23706 / -96.52876	Rated HP:	1200	Permit Approval Date:	2017-10-06

1. Head southwest on US-79 S toward Wheelock St (Distance: 134.5 feet, Est. Time: 0:00:05); 2. Turn right at the 1st cross street onto FM 46 N/Bremond St (Distance: 4.0 miles, Est. Time: 0:05:24); 3. Turn right onto FM979 W (Distance: 5.2 miles, Est. Time: 0:05:27); 4. Continue straight onto FM 2293 W (Distance: 2.9 miles, Est. Time: 0:03:20); 5. Slight right toward Prairie Grove Rd (Distance: 823.5 feet, Est. Time: 0:00:22); 6. Continue onto Prairie Grove Rd (Distance: 2.3 miles, Est. Time: 0:04:42); 7. Continue onto Whiterock Rd (Distance: 1.0 miles, Est. Time: 0:02:23); 8. Turn right to stay on Whiterock Rd (Distance: 1.6 miles, Est. Time: 0:03:35); Total Distance: 17.2 miles, Total Est. Time: 0:25:18; Rig is located 0.4 miles to the NW.

RUSK COUNTY	COUNT: 3 TOTAL
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OPERATOR: KJ ENERGY, LLC							
NANCY KEELING		2142975013		10069 CR 3125, MT ENTERPRISE TX			
Drill Type:	H	Well:	KENNEDY GAS UNIT 6H	Rig Name/No.:	H&P 387	Well Type:	GAS
Field:	BRACHFIELD, S.E. (COTTON VALLEY)	Formation:	COTTON VALLEY	Permit Depth:	10,380 ft	Spud Date:	2017-12-10
API 10/UWI:	42-401-35398	Lat/Long:	32.0642719 / -94.6231754	Rated HP:	1500	Permit Approval Date:	2017-12-04

1. Head east on E Main St toward S Calhoun St (Distance: 1.3 miles, Est. Time: 0:03:30); 2. Turn right onto FM840 S/Brachfield RdContinue to follow FM840 S (Distance: 11.2 miles, Est. Time: 0:12:17); 3. Turn left onto FM1798 E (Distance: 1.5 miles, Est. Time: 0:01:57); 4. Turn right onto County Rd 366 E (Distance: 0.7 miles, Est. Time: 0:01:46); 5. Turn left onto Co Rd 3122 (Distance: 0.3 miles, Est. Time: 0:01:04); Total Distance: 15.0 miles, Total Est. Time: 0:20:34; Rig is located 857.3 feet to the W.

OPERATOR: SOJITZ ENERGY VENTURE, INC.							
MARIA GLEASON		7132692704		SUITE 1450 - 2000 W SAM HOUSTON PKW S, HOUSTON TX			
Drill Type:	V	Well:	BRADY 9	Rig Name/No.:	Nabors M52	Well Type:	GAS
Field:	MINDEN (COTTON VALLEY LIME)	Formation:	COTTON VALLEY LIME	Permit Depth:	11,850 ft	Spud Date:	2017-10-10
API 10/UWI:	42-401-35391	Lat/Long:	32.05252 / -94.67081	Rated HP:	1000	Permit Approval Date:	2017-09-18

1. Head east on E Main St toward S Calhoun St (Distance: 1.3 miles, Est. Time: 0:03:30); 2. Turn right onto FM840 S/Brachfield RdContinue to follow FM840 S (Distance: 9.5 miles, Est. Time: 0:10:28); 3. Turn right onto County Rd 368 E (Distance: 0.3 miles, Est. Time: 0:00:53); 4. Turn left (Distance: 1220.5 feet, Est. Time: 0:01:01); Total Distance: 11.4 miles, Total Est. Time: 0:15:52; Rig is located 0.5 miles to the S.

OPERATOR: TANOS EXPLORATION II, LLC							
MINDY GRIFFIN		9035977667		STE 400 - 821 E SOUTHEAST LOOP 323, TYLER TX			
Drill Type:	H	Well:	BLACK STONE-FAHLE-AM LIB (ALLOC) 1H	Rig Name/No.:	Scan Cross	Well Type:	GAS
Field:	BRACHFIELD, S.E. (COTTON VALLEY)	Formation:	COTTON VALLEY	Permit Depth:	10,535 ft	Spud Date:	2017-11-16
API 10/UWI:	42-401-35395	Lat/Long:	32.0630538 / -94.7106741	Rated HP:	1500	Permit Approval Date:	2017-10-24

1. Head east on E Main St toward S Calhoun St (Distance: 0.8 miles, Est. Time: 0:02:22); 2. Turn right onto US-79 S (Distance: 0.5 miles, Est. Time: 0:01:02); 3. Turn left onto US-259 S (Distance: 6.6 miles, Est. Time: 0:06:28); 4. Turn left onto County Rd 376 E (Distance: 0.4 miles, Est. Time: 0:01:49); 5. Turn left onto County Rd 317 S (Distance: 1033.5 feet, Est. Time: 0:00:25); 6. Turn right (Distance: 1.4 miles, Est. Time: 0:03:07); Total Distance: 9.9 miles, Total Est. Time: 0:15:13; Rig is located 1.0 miles to the SE.

SAN AUGUSTINE COUNTY	COUNT: 7 TOTAL
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OPERATOR: AETHON ENERGY OPERATING LLC							
SHARON COOK		9722080432		12377 MERIT DR SUITE 1200, DALLAS TX			

Active Rigs by Operators

71 LOCATIONS BY AREA

JANUARY 03, 2018

Drill Type:	H	Well:	COOK 3HB	Rig Name/No.:	Trinidad 132	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	13,900 ft	Spud Date:	2017-12-18
API 10/UWI:	42-405-30647	Lat/Long:	31.55334 / -94.1366	Rated HP:	1500	Permit Approval Date:	2017-10-16

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto W Columbia St (Distance: 0.5 miles, Est. Time: 0:01:20); 3. Turn right onto US-96 N (Distance: 0.3 miles, Est. Time: 0:00:46); 4. Slight left onto FM711 (Distance: 1.4 miles, Est. Time: 0:02:03); Total Distance: 2.9 miles, Total Est. Time: 0:06:26; Rig is located 805.9 feet to the E.

OPERATOR: BP AMERICA PRODUCTION COMPANY

ANITA CURTIS **2818925782** **ATTN JEANINE HALLER-PISKURICH - 737 NORTH ELDRIDGE PARKWAY, HOUSTON TX**

Drill Type:	H	Well:	KOALA GAS UNIT 3HB	Rig Name/No.:	Nabors B14	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	19,500 ft	Spud Date:	2017-12-09
API 10/UWI:	42-405-30650	Lat/Long:	31.48161 / -94.25584	Rated HP:	1500	Permit Approval Date:	2017-11-28

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto TX-21 W/W Columbia StContinue to follow TX-21 W (Distance: 8.1 miles, Est. Time: 0:09:03); 3. Turn left onto County Rd 256 (Distance: 0.4 miles, Est. Time: 0:01:58); 4. Turn left (Distance: 0.7 miles, Est. Time: 0:02:11); 5. Slight left (Distance: 0.8 miles, Est. Time: 0:02:30); 6. Slight left (Distance: 0.3 miles, Est. Time: 0:01:04); Total Distance: 10.9 miles, Total Est. Time: 0:19:03; Rig is located 0.3 miles to the E.

OPERATOR: BP AMERICA PRODUCTION COMPANY

ANITA CURTIS **2818925782** **ATTN JEANINE HALLER-PISKURICH - 737 NORTH ELDRIDGE PARKWAY, HOUSTON TX**

Drill Type:	H	Well:	SUGAR GLIDER GAS UNIT 1HB	Rig Name/No.:	Nabors B15	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	19,500 ft	Spud Date:	2017-12-09
API 10/UWI:	42-405-30644	Lat/Long:	31.47992 / -94.21514	Rated HP:	1500	Permit Approval Date:	2017-11-09

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto W Columbia St (Distance: 0.5 miles, Est. Time: 0:01:20); 3. Turn left onto US-96 S (Distance: 561.0 feet, Est. Time: 0:00:26); 4. Turn right onto FM1277 (Distance: 6.9 miles, Est. Time: 0:08:32); 5. Turn right (Distance: 0.7 miles, Est. Time: 0:02:28); 6. Continue onto P R 7120 (Distance: 1279.5 feet, Est. Time: 0:00:34); Total Distance: 9.1 miles, Total Est. Time: 0:15:37; Rig is located 1049.1 feet to the SE.

OPERATOR: BP AMERICA PRODUCTION COMPANY

ANITA CURTIS **2818925782** **ATTN JEANINE HALLER-PISKURICH - 737 NORTH ELDRIDGE PARKWAY, HOUSTON TX**

Drill Type:	H	Well:	WALLABY GAS UNIT 3HB	Rig Name/No.:	Precision 582	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	19,500 ft	Spud Date:	2017-12-19
API 10/UWI:	42-405-30651	Lat/Long:	31.4808834 / -94.2661071	Rated HP:		Permit Approval Date:	2017-12-12

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto TX-21 W/W Columbia StContinue to follow TX-21 W (Distance: 8.1 miles, Est. Time: 0:09:03); 3. Turn left onto County Rd 256 (Distance: 0.4 miles, Est. Time: 0:01:58); 4. Turn left (Distance: 0.7 miles, Est. Time: 0:02:11); 5. Slight left (Distance: 0.8 miles, Est. Time: 0:02:30); 6. Turn right (Distance: 452.8 feet, Est. Time: 0:00:19); 7. Turn rightDestination will be on the left (Distance: 0.4 miles, Est. Time: 0:01:34); Total Distance: 11.2 miles, Total Est. Time: 0:19:52; Rig is located 376.3 feet to the SE.

OPERATOR: XTO ENERGY INC.

CYNTHIA RAINWATER **9035793091** **ATTN ALAN CODY - 810 HOUSTON STREET, FORT WORTH TX**

Drill Type:	H	Well:	MINERS B 1SL	Rig Name/No.:	Cactus 150	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	21,350 ft	Spud Date:	2017-12-23
API 10/UWI:	42-405-30611	Lat/Long:	31.4559477 / -94.2620405	Rated HP:	1500	Permit Approval Date:	2016-12-22

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto W Columbia St (Distance: 0.5 miles, Est. Time: 0:01:20); 3. Turn left onto US-96 S (Distance: 561.0 feet, Est. Time: 0:00:26); 4. Turn right onto FM1277 (Distance: 11.3 miles, Est. Time: 0:13:27); 5. Turn right onto County Rd 3100 (Distance: 2.0 miles, Est. Time: 0:05:40); 6. Turn leftDestination will be on the right (Distance: 0.4 miles, Est. Time: 0:02:20); Total Distance: 15.0 miles, Total Est. Time: 0:25:30; Rig is located 284.9 feet to the W.

OPERATOR: XTO ENERGY INC.

Cynthia Rainwater **9035793019** **ATTN ALAN CODY - 810 HOUSTON STREET, FORT WORTH TX**

Drill Type:	H	Well:	BSI RAPTORS DU H 1	Rig Name/No.:	Scan Endeavor	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	17,000 ft	Spud Date:	2017-11-18
API 10/UWI:	42-405-30599	Lat/Long:	31.3523525 / -94.2843735	Rated HP:	1500	Permit Approval Date:	2016-11-10

1. Head west on E Columbia St toward N Liberty St (Distance: 0.3 miles, Est. Time: 0:01:14); 2. Turn left onto S Broadway St (Distance: 1.7 miles, Est. Time: 0:03:21); 3. Continue onto TX-147 S (Distance: 9.4 miles, Est. Time: 0:08:47); 4. Continue straight onto TX-103 W/TX-147 SContinue to follow TX-103 W (Distance: 5.8 miles, Est. Time: 0:05:07); 5. Turn left onto FM1277 (Distance: 2.7 miles, Est. Time: 0:03:33); Total Distance: 20.0 miles, Total Est. Time: 0:22:02; Rig is located 539.3 feet to the E.

OPERATOR: XTO ENERGY INC.

CYNTHIA RAINWATER **9035793091** **ATTN ALAN CODY - 810 HOUSTON STREET, FORT WORTH TX**

Drill Type:	H	Well:	MINERS B 3SL	Rig Name/No.:	RAPAD 41	Well Type:	GAS
Field:	CARTHAGE (HAYNESVILLE SHALE)	Formation:	HAYNESVILLE SHALE	Permit Depth:	20,000 ft	Spud Date:	2017-12-28
API 10/UWI:	42-405-30619	Lat/Long:	31.43558 / -94.25558	Rated HP:	2000	Permit Approval Date:	2017-01-11

71 LOCATIONS BY AREA**JANUARY 03, 2018**

1. Head west on E Columbia St toward N Liberty St (Distance: 0.7 miles, Est. Time: 0:02:17); 2. Turn right onto W Columbia St (Distance: 0.5 miles, Est. Time: 0:01:20); 3. Turn left onto US-96 S (Distance: 561.0 feet, Est. Time: 0:00:26); 4. Turn right onto FM1277 (Distance: 11.3 miles, Est. Time: 0:13:27); 5. Turn right onto County Rd 3100 (Distance: 0.3 miles, Est. Time: 0:00:57); Total Distance: 12.9 miles, Total Est. Time: 0:18:27; Rig is located 0.3 miles to the NE.

SMITH COUNTY					COUNT: 1 TOTAL
OPERATOR: PETRO-CHEM OPERATING COMPANY,INC					
CHARLA ROLPH		9039843443		416 TRAVIS ST STE 812, SHREVEPORT LA	
Drill Type:	V	Well:	WILLIAMS, HAL 1	Rig Name/No.:	Mike Rogers 1
Field:	WILDCAT	Formation:		Permit Depth:	8,500 ft
API 10/UWI:	42-423-32402	Lat/Long:	32.33629 / -95.38857	Rated HP:	750
				Well Type:	OIL & GAS
				Spud Date:	2017-12-14
				Permit Approval Date:	2017-11-01

1. Head south on N Broadway Ave toward E Erwin St (Distance: 0.3 miles, Est. Time: 0:01:44); 2. Turn right onto TX-31 W/W Front StContinue to follow TX-31 W (Distance: 5.4 miles, Est. Time: 0:10:01); 3. Turn right onto W Lakeshore DrDestination will be on the left (Distance: 0.3 miles, Est. Time: 0:01:05); Total Distance: 6.0 miles, Total Est. Time: 0:12:50; Rig is located 397.9 feet to the W.

TARRANT COUNTY					COUNT: 1 TOTAL
OPERATOR: TEP BARNETT USA, LLC					
BILL SPENCER		5129181062		777 MAIN STREET SUITE 3700, FORT WORTH TX	
Drill Type:	H	Well:	R-SO 1H	Rig Name/No.:	Trinidad 129
Field:	NEWARK, EAST (BARNETT SHALE)	Formation:	BARNETT SHALE	Permit Depth:	9,000 ft
API 10/UWI:	42-439-37146	Lat/Long:	32.7365371 / -97.4237276	Rated HP:	1500
				Well Type:	OIL & GAS
				Spud Date:	2017-12-22
				Permit Approval Date:	2017-12-13

1. Head south on South Fwy toward Elmwood Ave (Distance: 0.9 miles, Est. Time: 0:01:35); 2. Turn left onto E Morningside Dr (Distance: 213.3 feet, Est. Time: 0:00:20); 3. Turn left at the 1st cross street onto South Fwy (Distance: 839.9 feet, Est. Time: 0:00:23); 4. Take the ramp on the left onto I-35W N (Distance: 1.7 miles, Est. Time: 0:01:38); 5. Take exit 51A to merge onto I-30 W toward Abilene (Distance: 2.0 miles, Est. Time: 0:02:06); 6. Keep left at the fork to stay on I-30 W (Distance: 4.4 miles, Est. Time: 0:04:05); 7. Take exit 8B toward Ridgmar Blvd/Ridglea Ave (Distance: 597.1 feet, Est. Time: 0:00:09); 8. Continue onto West Fwy (Distance: 951.4 feet, Est. Time: 0:00:42); 9. Turn right onto Ridgmar Blvd (Distance: 649.6 feet, Est. Time: 0:00:29); 10. Turn right onto Plaza PkwyDestination will be on the right (Distance: 324.8 feet, Est. Time: 0:00:16); Total Distance: 9.6 miles, Total Est. Time: 0:11:43; Rig is located 193.6 feet to the S.

UPSHUR COUNTY					COUNT: 1 TOTAL
OPERATOR: SABINE OIL & GAS CORPORATION					
DIANNE SUMRALL		8322429635		1415 LOUISIANA STREET STE 1600, HOUSTON TX	
Drill Type:	H	Well:	PRITCHETT-CRAIG (AW) 1H	Rig Name/No.:	Patterson 234
Field:	GILMER (COTTON VALLEY SANDS)	Formation:	COTTON VALLEY SANDS	Permit Depth:	10,900 ft
API 10/UWI:	42-459-31484	Lat/Long:	32.6619 / -95.00883	Rated HP:	1500
				Well Type:	GAS
				Spud Date:	2017-11-08
				Permit Approval Date:	2017-09-27

1. Head west on E Marshall St toward US Hwy 271 N/N Wood St (Distance: 101.7 feet, Est. Time: 0:00:08); 2. Turn left at the 1st cross street onto US Hwy 271 S/S Wood StContinue to follow US Hwy 271 S (Distance: 1.1 miles, Est. Time: 0:02:23); 3. Keep right to continue on TX-155 S (Distance: 5.4 miles, Est. Time: 0:05:24); 4. Turn left onto FM1404 (Distance: 738.2 feet, Est. Time: 0:00:23); 5. Turn left at the 1st cross street onto Crabapple Rd (Distance: 0.4 miles, Est. Time: 0:00:57); Total Distance: 7.2 miles, Total Est. Time: 0:09:15; Rig is located 663.6 feet to the N.