

**HAYNESVILLE BOSSIER 2016****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
742143	SABINE OIL & GAS CORPORATION	26	377,835	1
027200	APACHE CORPORATION	202	329,369	2
252131	ENERVEST OPERATING, L.L.C.	696	328,629	3
836005	TAPSTONE ENERGY, LLC	217	276,522	4
748059	SANGUINE GAS EXPLORATION, LLC	51	268,482	5
844133	TEXAKOMA E & P, LLC	19	251,939	6
763160	SEEK ENERGY, LLC	5	103,513	7
491579	LE NORMAN OPERATING LLC	734	94,554	8
148113	CHEVRON U. S. A. INC.	56	89,765	9
841419	TECOLOTE ENERGY OPERATING, LLC	843	76,704	10

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
491579	LE NORMAN OPERATING LLC	734	824,623	1
252131	ENERVEST OPERATING, L.L.C.	696	607,188	2
836005	TAPSTONE ENERGY, LLC	217	530,892	3
147699	CHESAPEAKE OPERATING, L.L.C.	485	515,331	4
877099	UNIT PETROLEUM COMPANY	659	503,227	5
953803	4P ENERGY TEXAS, LLC	482	466,408	6
040798	BP AMERICA PRODUCTION COMPANY	197	293,937	7
027200	APACHE CORPORATION	202	226,549	8
216378	DEVON ENERGY PRODUCTION CO, L.P.	386	226,252	9
562560	MEWBOURNE OIL COMPANY	171	215,290	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
491579	LE NORMAN OPERATING LLC	734	36,066,311	1
252131	ENERVEST OPERATING, L.L.C.	696	33,497,598	2
877099	UNIT PETROLEUM COMPANY	659	24,813,214	3
836005	TAPSTONE ENERGY, LLC	217	20,287,498	4
147699	CHESAPEAKE OPERATING, L.L.C.	485	17,257,332	5
953803	4P ENERGY TEXAS, LLC	482	15,179,042	6
027200	APACHE CORPORATION	202	12,249,809	7
562560	MEWBOURNE OIL COMPANY	171	11,097,721	8
841419	TECOLOTE ENERGY OPERATING, LLC	843	11,055,539	9
040798	BP AMERICA PRODUCTION COMPANY	197	10,933,567	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
491579	LE NORMAN OPERATING LLC	734	36,521,259	1
252131	ENERVEST OPERATING, L.L.C.	696	36,150,372	2
877099	UNIT PETROLEUM COMPANY	659	24,941,624	3
836005	TAPSTONE ENERGY, LLC	217	23,081,557	4
147699	CHESAPEAKE OPERATING, L.L.C.	485	17,683,785	5
953803	4P ENERGY TEXAS, LLC	482	15,540,724	6
027200	APACHE CORPORATION	202	13,500,252	7
841419	TECOLOTE ENERGY OPERATING, LLC	843	11,897,301	8
562560	MEWBOURNE OIL COMPANY	171	11,471,021	9
040798	BP AMERICA PRODUCTION COMPANY	197	11,125,146	10

**HAYNESVILLE BOSSIER 2017****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
027200	APACHE CORPORATION	200	273,664	1
252131	ENERVEST OPERATING, L.L.C.	693	241,347	2
841419	TECOLOTE ENERGY OPERATING, LLC	870	221,042	3
844133	TEXAKOMA E & P, LLC	19	219,774	4
748059	SANGUINE GAS EXPLORATION, LLC	49	206,653	5
953803	4P ENERGY TEXAS, LLC	488	198,015	6
836005	TAPSTONE ENERGY, LLC	213	184,304	7
742143	SABINE OIL & GAS CORPORATION	26	170,061	8
763160	SEEK ENERGY, LLC	5	130,790	9
085366	BP OPERATING COMPANY, LLC	11	94,716	10

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
491579	LE NORMAN OPERATING LLC	735	716,467	1
953803	4P ENERGY TEXAS, LLC	488	702,083	2
841419	TECOLOTE ENERGY OPERATING, LLC	870	545,572	3
252131	ENERVEST OPERATING, L.L.C.	693	444,234	4
877099	UNIT PETROLEUM COMPANY	666	439,308	5
836005	TAPSTONE ENERGY, LLC	213	350,502	6
027200	APACHE CORPORATION	200	167,723	7
562560	MEWBOURNE OIL COMPANY	170	164,834	8
040798	BP AMERICA PRODUCTION COMPANY	198	143,289	9
748059	SANGUINE GAS EXPLORATION, LLC	49	49,657	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
491579	LE NORMAN OPERATING LLC	735	33,512,649	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	27,439,806	2
252131	ENERVEST OPERATING, L.L.C.	693	27,177,009	3
953803	4P ENERGY TEXAS, LLC	488	27,100,762	4
877099	UNIT PETROLEUM COMPANY	666	23,890,179	5
836005	TAPSTONE ENERGY, LLC	213	15,075,417	6
027200	APACHE CORPORATION	200	9,426,993	7
562560	MEWBOURNE OIL COMPANY	170	8,827,010	8
040798	BP AMERICA PRODUCTION COMPANY	198	6,914,927	9
153429	CIMAREX ENERGY CO. OF COLORADO	180	3,073,380	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
491579	LE NORMAN OPERATING LLC	735	33,867,028	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	29,663,911	2
252131	ENERVEST OPERATING, L.L.C.	693	29,486,054	3
953803	4P ENERGY TEXAS, LLC	488	28,260,190	4
877099	UNIT PETROLEUM COMPANY	666	23,976,655	5
836005	TAPSTONE ENERGY, LLC	213	17,470,623	6
027200	APACHE CORPORATION	200	10,529,233	7
562560	MEWBOURNE OIL COMPANY	170	9,095,496	8
040798	BP AMERICA PRODUCTION COMPANY	198	7,297,419	9
153429	CIMAREX ENERGY CO. OF COLORADO	180	3,173,904	10

**HAYNESVILLE BOSSIER 2018****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
953803	4P ENERGY TEXAS, LLC	925	417,995	1
027200	APACHE CORPORATION	196	260,595	2
841419	TECOLOTE ENERGY OPERATING, LLC	876	199,207	3
844133	TEXAKOMA E & P, LLC	21	187,086	4
748059	SANGUINE GAS EXPLORATION, LLC	44	161,549	5
763160	SEEK ENERGY, LLC	4	151,118	6
836005	TAPSTONE ENERGY, LLC	213	131,583	7
742143	SABINE OIL & GAS CORPORATION	23	127,038	8
712840	RIO PETROLEUM, INC.	13	67,376	9
491579	LE NORMAN OPERATING LLC	720	66,186	10

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
953803	4P ENERGY TEXAS, LLC	925	995,620	1
841419	TECOLOTE ENERGY OPERATING, LLC	876	683,320	2
491579	LE NORMAN OPERATING LLC	720	657,541	3
877099	UNIT PETROLEUM COMPANY	678	528,874	4
836005	TAPSTONE ENERGY, LLC	213	278,598	5
252131	ENERVEST OPERATING, L.L.C.	683	155,089	6
027200	APACHE CORPORATION	196	137,266	7
562560	MEWBOURNE OIL COMPANY	170	130,466	8
040798	BP AMERICA PRODUCTION COMPANY	198	103,501	9
748059	SANGUINE GAS EXPLORATION, LLC	44	41,745	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
953803	4P ENERGY TEXAS, LLC	925	43,770,338	1
841419	TECOLOTE ENERGY OPERATING, LLC	876	36,341,841	2
491579	LE NORMAN OPERATING LLC	720	29,873,767	3
877099	UNIT PETROLEUM COMPANY	678	27,026,584	4
836005	TAPSTONE ENERGY, LLC	213	12,476,417	5
252131	ENERVEST OPERATING, L.L.C.	683	11,220,636	6
027200	APACHE CORPORATION	196	7,919,358	7
562560	MEWBOURNE OIL COMPANY	170	7,420,504	8
040798	BP AMERICA PRODUCTION COMPANY	198	5,297,592	9
153438	CIMAREX ENERGY CO.	152	2,561,627	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
953803	4P ENERGY TEXAS, LLC	925	46,383,406	1
841419	TECOLOTE ENERGY OPERATING, LLC	876	38,292,900	2
491579	LE NORMAN OPERATING LLC	720	30,221,489	3
877099	UNIT PETROLEUM COMPANY	678	27,077,672	4
836005	TAPSTONE ENERGY, LLC	213	14,396,753	5
252131	ENERVEST OPERATING, L.L.C.	683	11,712,909	6
027200	APACHE CORPORATION	196	8,734,529	7
562560	MEWBOURNE OIL COMPANY	170	7,634,668	8
040798	BP AMERICA PRODUCTION COMPANY	198	5,648,886	9
153429	CIMAREX ENERGY CO. OF COLORADO	180	2,570,854	10

**HAYNESVILLE BOSSIER 2019****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
687208	R. LACY SERVICES, LTD.	8	0	1
070737	BIGFOOT ENERGY SERVICES LLC	1	0	1
881167	VALENCE OPERATING COMPANY	56	0	1
182848	COVEY PARK RESOURCES LLC	154	0	1
170038	COMSTOCK OIL & GAS, LLC	176	0	1
742143	SABINE OIL & GAS CORPORATION	116	0	1
835976	TANOS EXPLORATION II, LLC	68	0	1
775854	SHERIDAN PRODUCTION COMPANY, LLC	38	0	1
020467	AMPLIFY ENERGY OPERATING LLC	11	0	1
945936	XTO ENERGY INC.	309	0	1

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
687208	R. LACY SERVICES, LTD.	8	49,337	1
722890	ROCKCLIFF ENERGY OPERATING LLC	94	21,346	2
881167	VALENCE OPERATING COMPANY	56	17,681	3
182848	COVEY PARK RESOURCES LLC	154	10,253	4
170038	COMSTOCK OIL & GAS, LLC	176	4,250	5
742143	SABINE OIL & GAS CORPORATION	116	3,862	6
835976	TANOS EXPLORATION II, LLC	68	2,586	7
775854	SHERIDAN PRODUCTION COMPANY, LLC	38	2,575	8
020467	AMPLIFY ENERGY OPERATING LLC	11	2,116	9
945936	XTO ENERGY INC.	309	562	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
040798	BP AMERICA PRODUCTION COMPANY	87	205,389,522	1
945936	XTO ENERGY INC.	309	179,603,176	2
722890	ROCKCLIFF ENERGY OPERATING LLC	94	162,556,071	3
120023	CCI EAST TEXAS UPSTREAM LLC	225	72,597,841	4
742143	SABINE OIL & GAS CORPORATION	116	62,079,709	5
008555	AETHON ENERGY OPERATING LLC	67	49,321,023	6
182848	COVEY PARK RESOURCES LLC	154	38,888,630	7
170038	COMSTOCK OIL & GAS, LLC	176	34,147,969	8
835976	TANOS EXPLORATION II, LLC	68	27,650,428	9
256915	EXCO OPERATING COMPANY, LP	109	14,629,874	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
040798	BP AMERICA PRODUCTION COMPANY	87	205,389,522	1
945936	XTO ENERGY INC.	309	179,603,176	2
722890	ROCKCLIFF ENERGY OPERATING LLC	94	162,556,071	3
120023	CCI EAST TEXAS UPSTREAM LLC	225	72,597,841	4
742143	SABINE OIL & GAS CORPORATION	116	62,079,709	5
008555	AETHON ENERGY OPERATING LLC	67	49,321,023	6
182848	COVEY PARK RESOURCES LLC	154	38,888,630	7
170038	COMSTOCK OIL & GAS, LLC	176	34,147,969	8
835976	TANOS EXPLORATION II, LLC	68	27,650,428	9
256915	EXCO OPERATING COMPANY, LP	109	14,629,874	10

**HAYNESVILLE BOSSIER 2020****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
687208	R. LACY SERVICES, LTD.	12	0	1
090870	BRG LONE STAR LTD.	3	0	1
881167	VALENCE OPERATING COMPANY	56	0	1
170038	COMSTOCK OIL & GAS, LLC	180	0	1
742143	SABINE OIL & GAS CORPORATION	129	0	1
020467	AMPLIFY ENERGY OPERATING LLC	11	0	1
775851	SHERIDAN PRODUCTION CO III, LLC	38	0	1
835976	TANOS EXPLORATION II, LLC	71	0	1
945936	XTO ENERGY INC.	310	0	1
040798	BP AMERICA PRODUCTION COMPANY	93	0	1

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
687208	R. LACY SERVICES, LTD.	12	66,608	1
722890	ROCKCLIFF ENERGY OPERATING LLC	115	39,873	2
881167	VALENCE OPERATING COMPANY	56	14,223	3
170038	COMSTOCK OIL & GAS, LLC	180	10,187	4
742143	SABINE OIL & GAS CORPORATION	129	4,526	5
020467	AMPLIFY ENERGY OPERATING LLC	11	2,213	6
775851	SHERIDAN PRODUCTION CO III, LLC	38	1,837	7
835976	TANOS EXPLORATION II, LLC	71	1,491	8
945936	XTO ENERGY INC.	310	1,054	9
040798	BP AMERICA PRODUCTION COMPANY	93	477	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
722890	ROCKCLIFF ENERGY OPERATING LLC	115	253,268,637	1
040798	BP AMERICA PRODUCTION COMPANY	93	180,768,001	2
945936	XTO ENERGY INC.	310	163,997,881	3
742143	SABINE OIL & GAS CORPORATION	129	88,170,221	4
170038	COMSTOCK OIL & GAS, LLC	180	86,857,185	5
008555	AETHON ENERGY OPERATING LLC	74	56,750,238	6
120023	CCI EAST TEXAS UPSTREAM LLC	226	53,076,891	7
835976	TANOS EXPLORATION II, LLC	71	36,874,913	8
687208	R. LACY SERVICES, LTD.	12	14,180,196	9
256915	EXCO OPERATING COMPANY, LP	109	11,456,776	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
687208	R. LACY SERVICES, LTD.	12	0	1
722890	ROCKCLIFF ENERGY OPERATING LLC	115	0	1
881167	VALENCE OPERATING COMPANY	56	0	1
170038	COMSTOCK OIL & GAS, LLC	180	0	1
742143	SABINE OIL & GAS CORPORATION	129	0	1
020467	AMPLIFY ENERGY OPERATING LLC	11	0	1
775851	SHERIDAN PRODUCTION CO III, LLC	38	0	1
835976	TANOS EXPLORATION II, LLC	71	0	1
945936	XTO ENERGY INC.	310	0	1
040798	BP AMERICA PRODUCTION COMPANY	93	0	1