

**GRANITE WASH 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

**GRANITE WASH 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

**GRANITE WASH 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

**GRANITE WASH 2019****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
953803	4P ENERGY TEXAS, LLC	924	416,819	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	164,745	2
844133	TEXAKOMA E & P, LLC	22	154,814	3
763160	SEEK ENERGY, LLC	4	149,837	4
748059	SANGUINE GAS EXPLORATION, LLC	44	136,192	5
027200	APACHE CORPORATION	192	128,223	6
742143	SABINE OIL & GAS CORPORATION	23	99,614	7
836005	TAPSTONE ENERGY, LLC	213	95,803	8
712840	RIO PETROLEUM, INC.	13	75,336	9
085366	BP OPERATING COMPANY, LLC	12	50,586	10

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
953803	4P ENERGY TEXAS, LLC	924	748,157	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	489,690	2
877099	UNIT PETROLEUM COMPANY	673	436,840	3
491579	LE NORMAN OPERATING LLC	712	280,991	4
836005	TAPSTONE ENERGY, LLC	213	276,457	5
841421	TEMPLAR OPERATING LLC	697	233,606	6
562560	MEWBOURNE OIL COMPANY	168	104,191	7
040798	BP AMERICA PRODUCTION COMPANY	197	85,946	8
027200	APACHE CORPORATION	192	62,054	9
676084	PRESIDIO PETROLEUM LLC	189	51,257	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
953803	4P ENERGY TEXAS, LLC	924	34,399,682	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	31,610,130	2
877099	UNIT PETROLEUM COMPANY	673	26,736,723	3
491579	LE NORMAN OPERATING LLC	712	12,844,686	4
841421	TEMPLAR OPERATING LLC	697	11,993,790	5
836005	TAPSTONE ENERGY, LLC	213	11,786,513	6
562560	MEWBOURNE OIL COMPANY	168	6,106,155	7
252131	ENERVEST OPERATING, L.L.C.	257	4,510,826	8
040798	BP AMERICA PRODUCTION COMPANY	197	4,297,543	9
027200	APACHE CORPORATION	192	3,538,919	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
953803	4P ENERGY TEXAS, LLC	924	37,001,159	1
841419	TECOLOTE ENERGY OPERATING, LLC	870	33,554,814	2
877099	UNIT PETROLEUM COMPANY	673	26,772,150	3
836005	TAPSTONE ENERGY, LLC	213	13,394,667	4
491579	LE NORMAN OPERATING LLC	712	12,998,392	5
841421	TEMPLAR OPERATING LLC	697	12,143,647	6
562560	MEWBOURNE OIL COMPANY	168	6,268,241	7
252131	ENERVEST OPERATING, L.L.C.	257	4,558,589	8
040798	BP AMERICA PRODUCTION COMPANY	197	4,544,840	9
027200	APACHE CORPORATION	192	3,936,496	10

**GRANITE WASH 2020****OIL**

Operator #	Operator Name	Lease Count	Oil Volume (BBL)	Oil Volume Rank
953803	4P ENERGY TEXAS, LLC	906	258,004	1
676084	PRESIDIO PETROLEUM LLC	874	213,054	2
844133	TEXAKOMA E & P, LLC	24	166,553	3
763160	SEEK ENERGY, LLC	3	142,693	4
073056	BLACKBEARD OPERATING, LLC	1050	128,714	5
748059	SANGUINE GAS EXPLORATION, LLC	44	97,898	6
668978	POLARIS OPERATING, LLC	23	96,407	7
836005	TAPSTONE ENERGY, LLC	213	77,269	8
712840	RIO PETROLEUM, INC.	13	65,175	9
195908	DDD EXPLORATION, INC.	5	58,509	10

**CONDENSATE**

Operator #	Operator Name	Lease Count	Condensate Volume (BBL)	Condensate Volume Rank
953803	4P ENERGY TEXAS, LLC	906	549,271	1
073056	BLACKBEARD OPERATING, LLC	1050	443,144	2
676084	PRESIDIO PETROLEUM LLC	874	370,417	3
877099	UNIT PETROLEUM COMPANY	659	311,454	4
836005	TAPSTONE ENERGY, LLC	213	253,312	5
562560	MEWBOURNE OIL COMPANY	168	85,894	6
040205	BCE-MACH II LLC	255	62,541	7
875461	UNBRIDLED RESOURCES, LLC	874	50,005	8
748059	SANGUINE GAS EXPLORATION, LLC	44	42,923	9
153438	CIMAREX ENERGY CO.	140	20,627	10

**GAS**

Operator #	Operator Name	Lease Count	Gas Volume (MCF)	Gas Volume Rank
073056	BLACKBEARD OPERATING, LLC	1050	26,856,270	1
953803	4P ENERGY TEXAS, LLC	906	24,430,943	2
676084	PRESIDIO PETROLEUM LLC	874	20,046,012	3
877099	UNIT PETROLEUM COMPANY	659	19,135,508	4
836005	TAPSTONE ENERGY, LLC	213	10,358,336	5
040205	BCE-MACH II LLC	255	5,725,439	6
562560	MEWBOURNE OIL COMPANY	168	5,059,180	7
875461	UNBRIDLED RESOURCES, LLC	874	2,192,266	8
153438	CIMAREX ENERGY CO.	140	1,725,160	9
153429	CIMAREX ENERGY CO. OF COLORADO	178	1,603,318	10

**CASINGHEAD GAS**

Operator #	Operator Name	Lease Count	Casinghead Volume (MCF)	Casinghead Volume Rank
668978	POLARIS OPERATING, LLC	23	2,764,313	1
953803	4P ENERGY TEXAS, LLC	906	1,947,780	2
073056	BLACKBEARD OPERATING, LLC	1050	1,799,335	3
836005	TAPSTONE ENERGY, LLC	213	1,366,038	4
748059	SANGUINE GAS EXPLORATION, LLC	44	1,339,613	5
844133	TEXAKOMA E & P, LLC	24	1,217,718	6
676084	PRESIDIO PETROLEUM LLC	874	722,081	7
085366	BP OPERATING COMPANY, LLC	13	429,670	8
178450	CORLENA OIL COMPANY	3	255,742	9
932471	WINRIGHT RESOURCES OPERATING, LLC	34	251,615	10