

Joint Committee on Energy and the Environment
Oil and Gas Production Trends
Mississippian Lime Play
Doug Louis, Conservation Division Director
Kansas Corporation Commission
November 19, 2012

Kansas is seeing an increase in activity in both western and eastern Kansas. Currently, we have approximately 140 drilling rigs running statewide, with a recent average of 600 intent-to-drills per month.

For western KS, the Mississippian Lime Play has caused an increase in both vertical and horizontal drilling. There are approximately 17 horizontal rigs currently active in the state. Within the last two years we have experienced an influx of out-of-state, highly capitalized companies (some multi-national) who have leased large amounts of mineral acreage to drill horizontally and frac in the Mississippian Lime Play. Generally speaking, the vertical operators are traditional, small KS based companies, who are drilling offsets and wildcats to keep/protect their acreage positions. The two operator groups are in competition for labor, equipment, lease acreage and water.

Eastern Kansas has recently experienced a shallower oil play in the north east- south of KC in oil mature fields. Here they are plugging older wells and infield drilling new wells to exploit trapped oil from years of waterflooding.

Oil production has increased consecutively for the last five years. Conversely, gas production has been on the decrease, as operators have switched exploration and production efforts to liquids. This is in reaction to downward natural gas price. The Hugoton is declining at a 7% rate and Coal Bed Methane exploration is practically non-existent in SE Kansas.

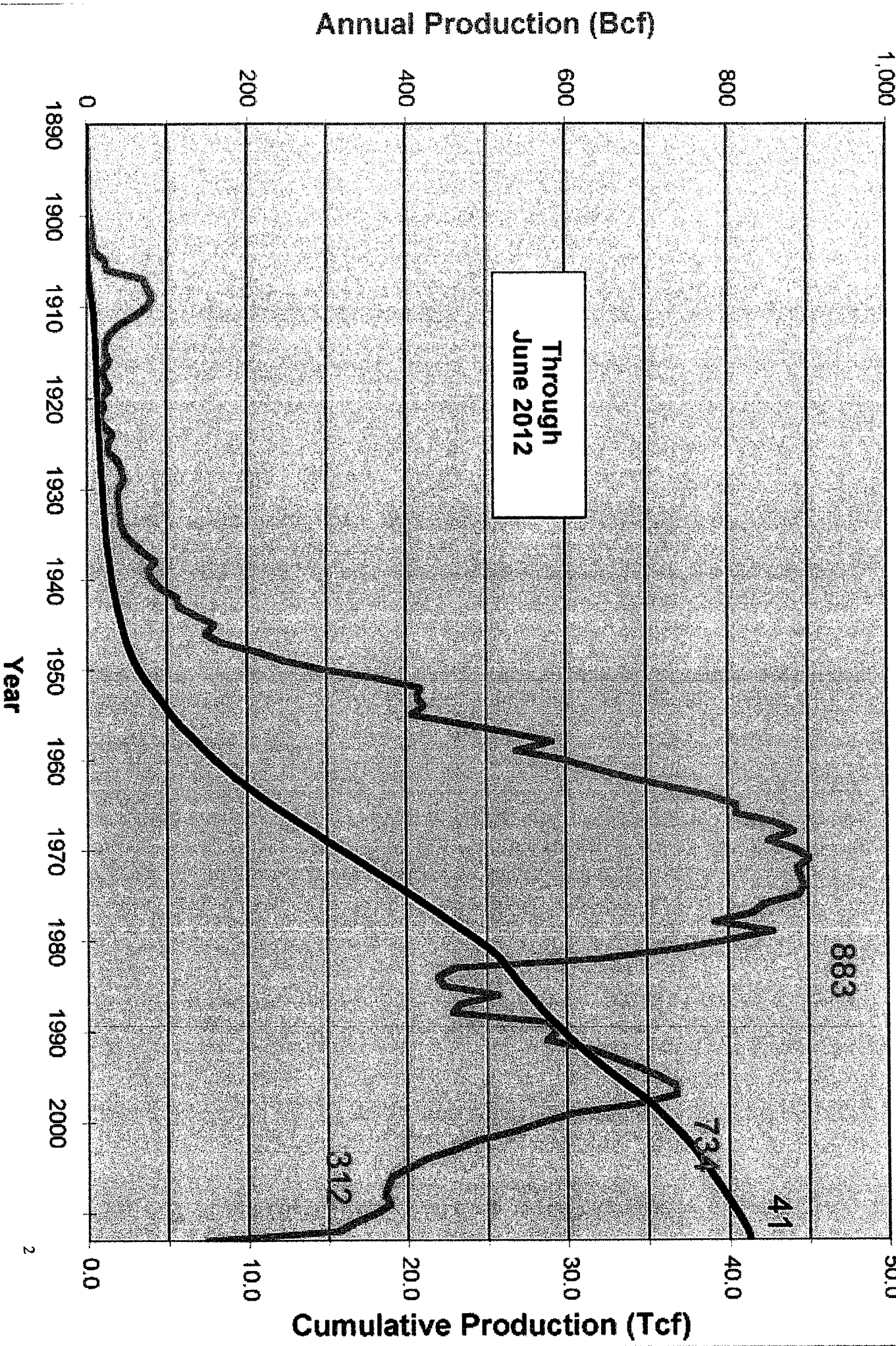
Today I will review the following, using a series of graphs, and tables:

- Historical Oil and Gas Production of Kansas
- The correlation of drilling activity to the price of crude
- Trends of oil and gas production
- Recent and current levels of exploration activity
- Recent and current levels of horizontal drilling activity
- Recent and current levels of horizontal drilling in the Mississippian Lime Play

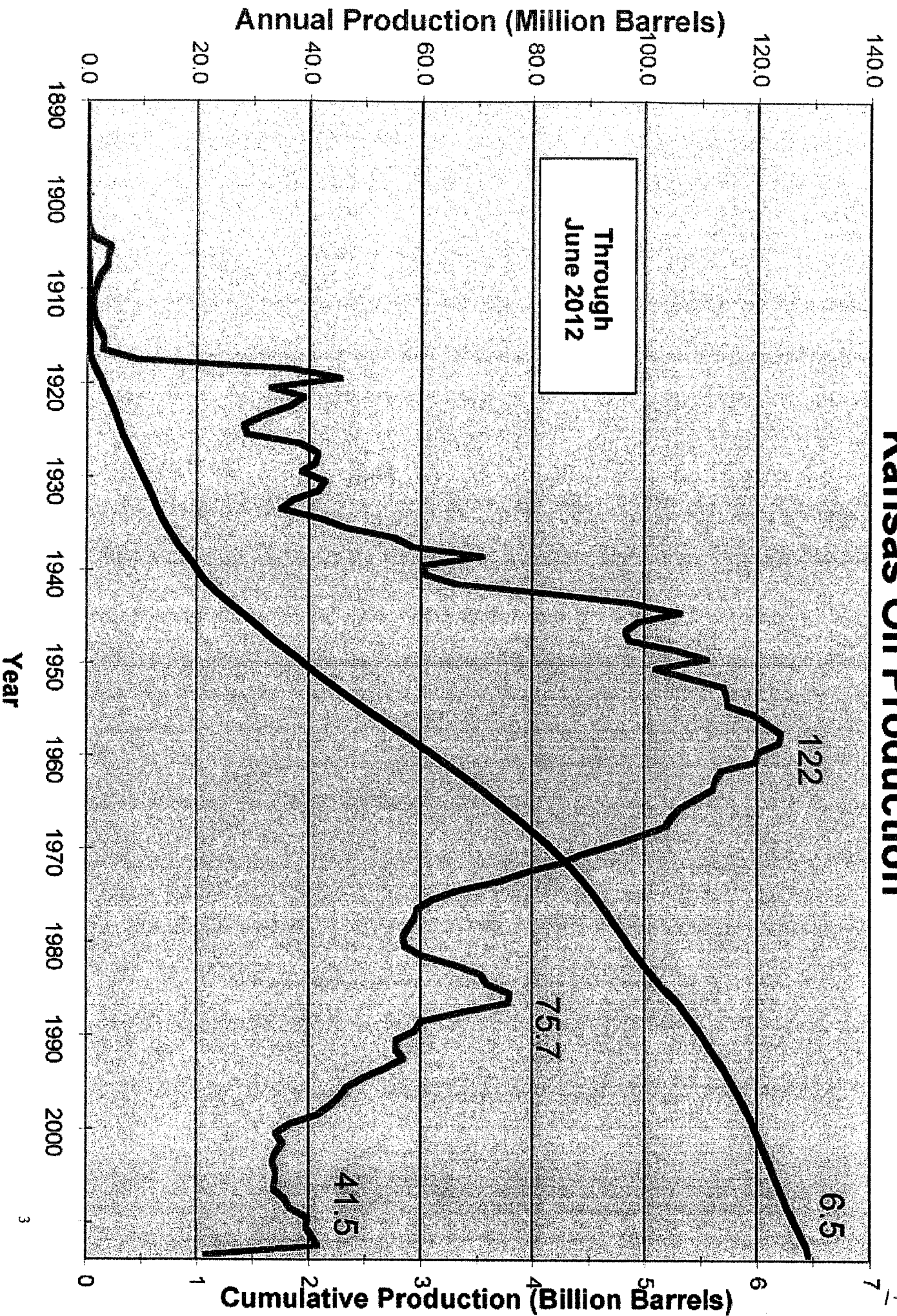
I will gladly answer any questions during, or after this presentation.

Joint Energy and Environmental
Policy Committee
November 19 and 20, 2012
Attachment: 1

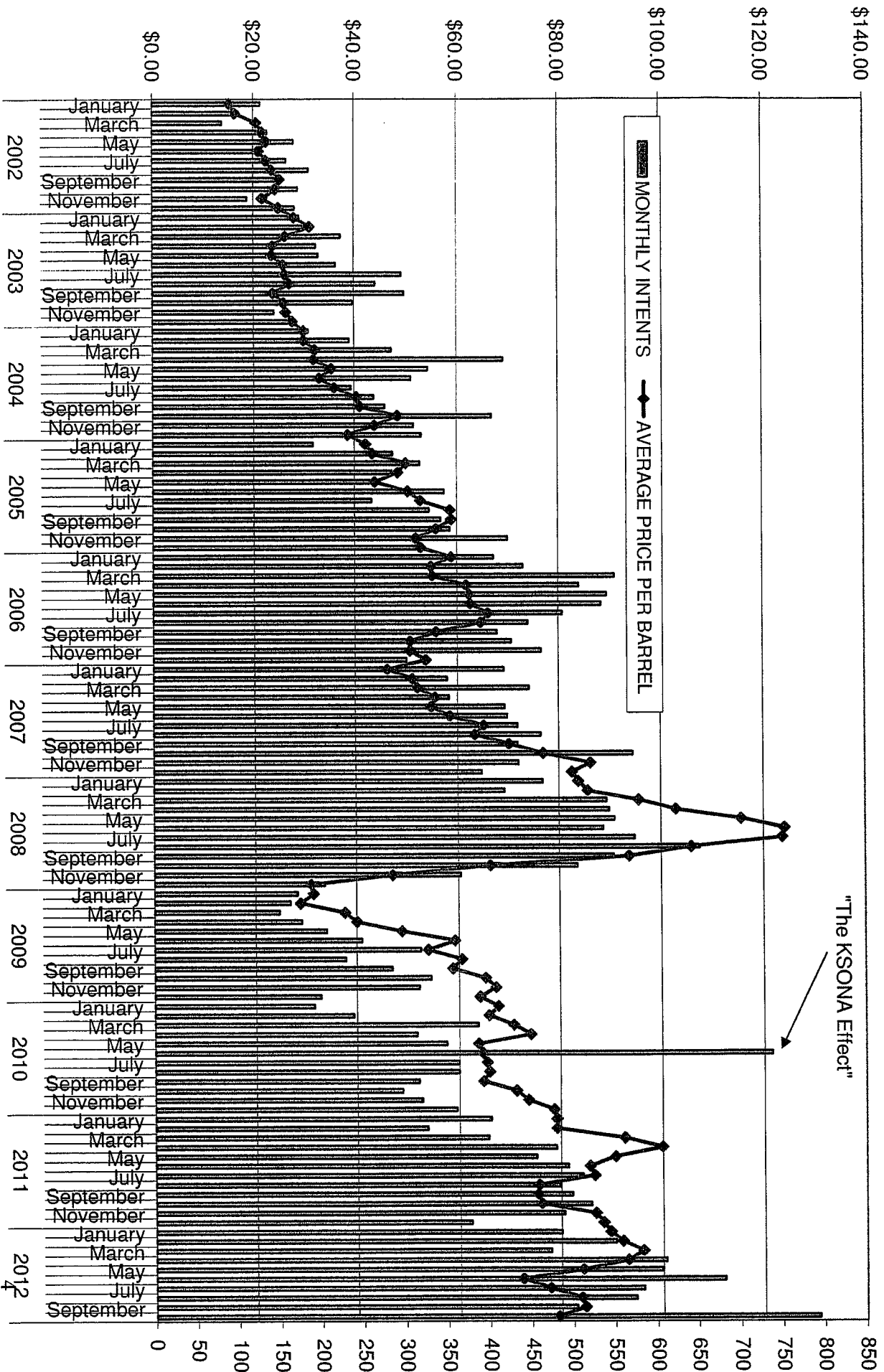
Kansas Gas Production



Kansas Oil Production



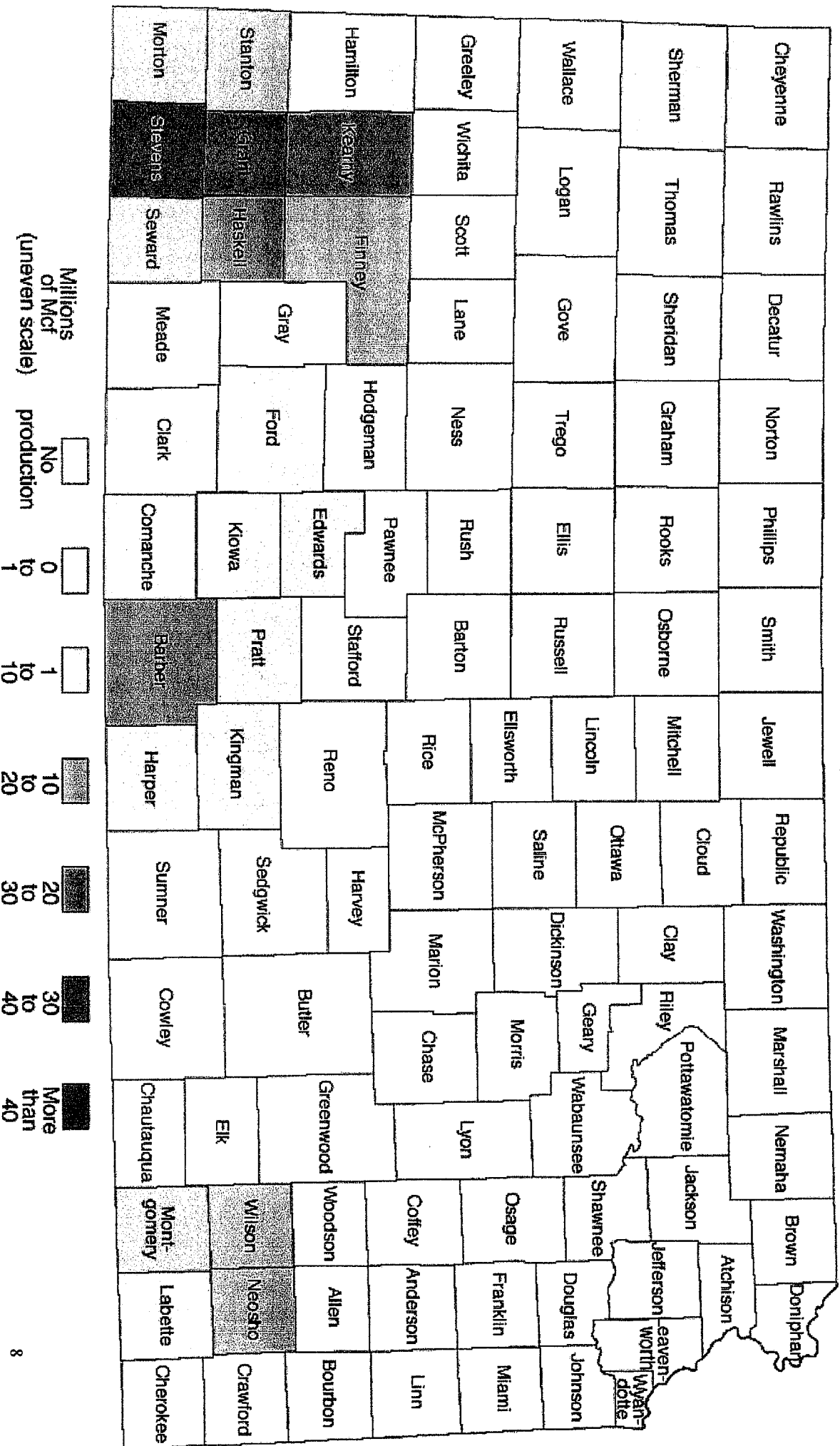
KS Intentions vs. Oil Price 2002-2012



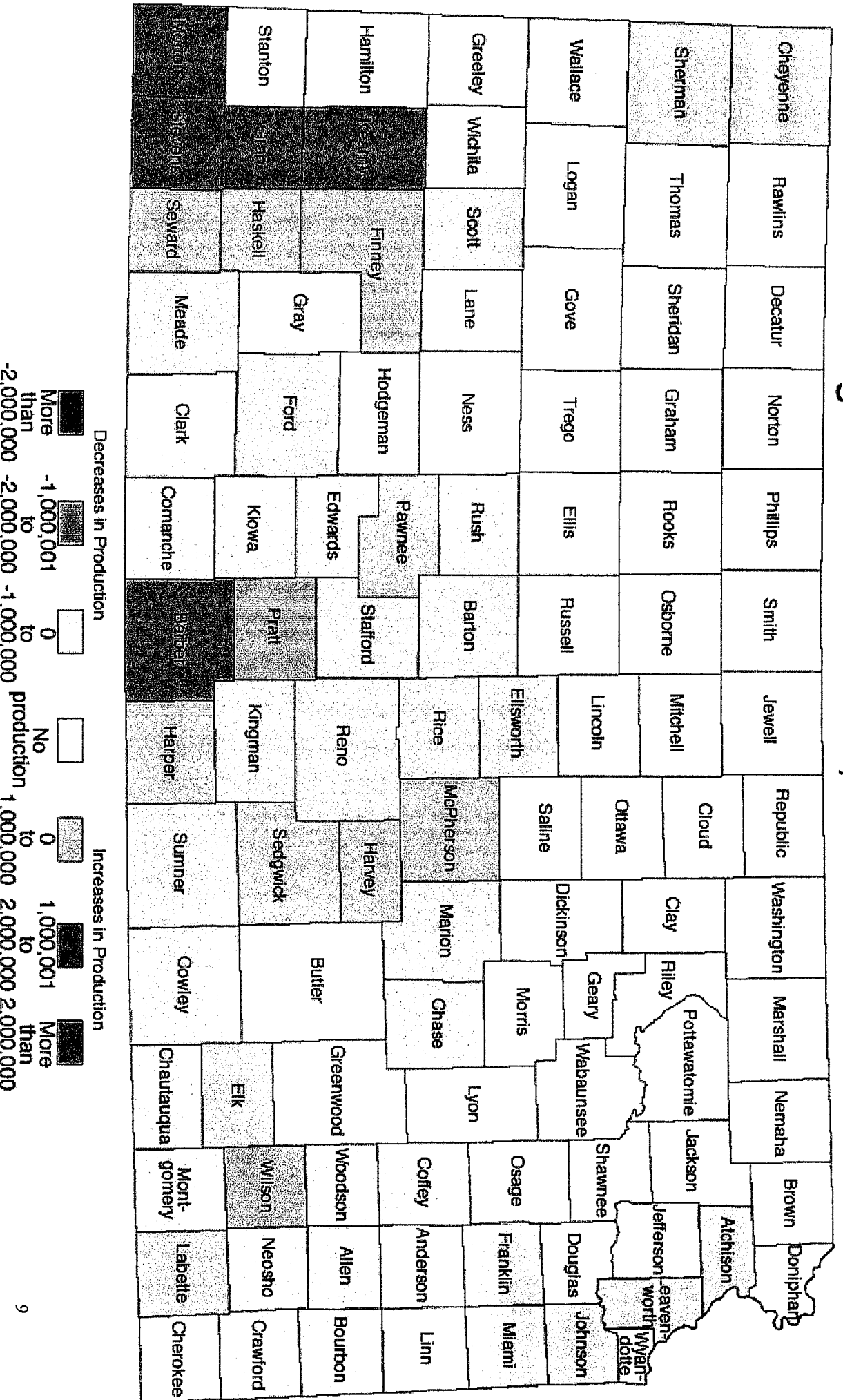
**Intents To Drill
By Month Year
1989-2012**

TABLE-1A: MONTHLY INTENT TO DRILL		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
JAN		264	309	383	229	140	147	167	138	201	105	48	140	191	130	177	187	193	408	420	466	172	192	402	486
FEB		197	271	300	177	127	110	150	148	146	82	45	160	143	104	184	237	288	443	352	420	163	239	326	551
MAR		323	303	382	199	130	205	200	149	166	90	58	155	196	84	227	287	320	553	450	543	150	387	399	473
APR		278	326	304	247	154	149	148	243	182	101	57	127	207	138	197	420	287	510	354	546	177	314	480	611
MAY		348	380	280	207	194	157	147	177	227	97	52	132	185	170	200	330	268	544	421	552	207	349	456	606
JUN		291	310	300	239	240	265	186	147	245	97	78	164	172	125	221	310	349	537	424	539	249	738	494	682
JUL		289	296	245	262	227	269	181	154	157	105	100	165	239	161	299	239	263	490	436	576	319	364	512	584
AUG		308	412	347	265	206	215	185	188	218	113	94	170	199	188	268	266	331	449	464	654	230	364	484	575
SEP		266	441	323	279	222	218	173	190	164	95	116	179	197	156	302	279	345	412	436	551	285	316	499	504
OCT		371	619	385	291	250	210	173	205	181	95	144	177	245	175	241	406	356	429	574	507	331	297	522	794
NOV		352	579	242	229	220	170	193	169	137	60	124	163	228	114	146	313	425	465	437	367	317	320	489	
DEC		305	328	214	249	164	163	107	148	130	72	140	140	95	171	164	322	322	304	393	205	200	361	378	
TOTAL		3592	4574	3705	2873	2274	2278	2010	2056	2154	1112	1056	1872	2297	1716	2626	3596	3747	5544	5161	5926	2800	4241	5441	5866
YEARLY HORIZ/DEV.	0	1	7	6	5	6	4	2	19	10	13	13	3	1	2	5	10	54	17	13	8	23	76	253	
TABLE-1B: MONTHLY INTENT TO DRILL		1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011
AVERAGE INTENTS PER MONTH	299	381	309	239	190	190	168	171	180	93	88	156	191	143	219	300	312	462	430	494	233	353	453	587	

Gas Production, 2011



Change in Gas Production, 2010 to 2011



Top ten counties for oil production in 2011

Top ten counties for gas production in 2011

Kansas total production for 2011 was 41,462,608 barrels. The production from the top ten counties (19,615,230 barrels) amounted to about 47% of the state's total, down about 5% from 2010.

Kansas total production for 2011 was 311,619,798 MCF (thousand cubic feet). The production from the top ten counties (228,724,797 MCF) amounted to 73% of the state's total, about the same as in 2010.

County	bbl	% of total	2010 Rank	% Change from 2009 volume
1. <u>Ellis</u>	3,382,524	8.2	1	+2.7
2. <u>Barton</u>	2,143,187	5.2	2	-2.4
3. <u>Russell</u>	2,035,844	4.9	5	+2.1
4. <u>Rooks</u>	2,000,270	4.8	3	-0.4
5. <u>Barber</u>	1,916,812	4.6	7	+4.9
6. <u>Ness</u>	1,910,197	4.6	6	-0.6
7. <u>Haskell</u>	1,839,820	4.4	4	-9.0
8. <u>Finney</u>	1,579,814	3.8	8	-5.9
9. <u>Graham</u>	1,514,038	3.7	9	-2.6
10. <u>Stafford</u>	1,292,724	3.2	10	+1.3
State Total	41,462,608			+2.4

County	mcf	% of total	2010 Rank	% Change from 2010 volume
1. <u>Stevens</u>	44,389,935	14.2	1	-9.9
2. <u>Grant</u>	32,527,903	10.4	2	-6.8
3. <u>Kearny</u>	28,717,043	9.2	3	-7.5
4. <u>Haskell</u>	22,403,025	7.2	4	-7.4
7. <u>Barber</u>	21,974,122	7.1	7	+9.0
5. <u>Morton</u>	19,860,867	6.4	5	-19.4
6. <u>Finney</u>	19,489,502	6.3	6	-6.6
8. <u>Seward</u>	15,254,883	4.9	8	-12.6
9. <u>Neosho</u>	12,095,607	3.9	9	-7.0
10. <u>Stanton</u>	12,011,910	3.9	10	-6.0
State Total	311,619,798			-6.9

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Top ten fields for oil production in 2011

Kansas total production for 2011 was 41,462,608 barrels. The production from the top ten fields (5,661,317 barrels) amounted to 13.7% of the state's total, down about 1% from 2010.

Field	bbl	% of total	2010 Rank	% Change from 2010 volume
1. <u>Bemis-Shutts</u>	1,038,275	2.5	1	+1.8
2. <u>Chase-Silica</u>	733,369	1.8	2	+6.5
3. <u>Trapp</u>	626,726	1.5	4	+2.0
4. <u>Damme</u>	509,001	1.2	5	-8.7
5. <u>El Dorado</u>	502,427	1.2	6	-4.2
6. <u>Eubank</u>	460,998	1.1	3	-36.2
7. <u>Hall-Gurney</u>	460,681	1.1	7	0.0
8. <u>Victory</u>	452,308	1.1	10	+0.5
9. <u>Stranathan</u>	448,260	1.1	--	+36.7
10. <u>Spivy-Grabs-Basil</u>	429,272	1.0	8	-6.0

Top ten fields for gas production in 2011

Kansas total production for 2011 was 311,619,798 MCF (thousand cubic feet). The production from the top ten fields (232,061,755 MCF) amounted to 75% of the state's total, about the same as in 2010.

Field	MCF	% of total	2009 Rank	% Change from 2009 volume
1. <u>Hugoton Gas Area</u>	129,215,350	41.5	1	-7.2
2. <u>Panoma Gas Area</u>	38,120,158	12.2	2	-8.1
3. <u>Cherokee Basin Coal Gas Area</u>	35,889,755	11.5	3	-8.1
4. <u>Spivy-Grabs-Basil</u>	6,866,186	2.2	4	-0.2
5. <u>Greenwood Gas Area</u>	5,279,315	1.7	6	-5.3
6. <u>Bradshaw Gas Area</u>	5,010,868	1.6	5	-13.8
7. <u>Cherry Creek Niobrara Gas Area</u>	4,561,468	1.5	7	+5.8
8. <u>Stranathan</u>	2,936,101	0.9	--	+46.1
9. <u>Aetna Gas Area</u>	2,373,011	0.8	9	-11.5
10. <u>Landis</u>	1,809,543	0.6	--	+3.4

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KANSAS CORPORATION COMMISSION													
Intents to Drill Approved October 2011 thru September 2012 by County													
() = Horizontal													
County	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	TOTAL
ALLEN	6	9	8	13	34	14	23	43	60	3	16	15	244
ANDERSON	16	26	17	25	99	34	21	44	2(2)	38	28	31	381(2)
ATCHISON	0	0	0	0	0	0	0	0	0	0	0	0	0
BARBER	23(3)	13(1)	14(3)	12(2)	7(1)	16(4)	14	17(3)	18(3)	19(6)	12(6)	18(4)	183(36)
BARTON	17	11	2	13	9	12	15	9	14	20	14	12	148
BOURBON	14	18	9	14	12	5	46	1	40	30	62	29	280
BROWN	0	0	0	0	0	0	1	0	0	0	0	0	1
BUTLER	8	6	1	0	2	3	6	1	4	2	3	8	44
CHASE	0	0	0	0	0	0	0	0	0	0	0	0	0
CHAUTAQUA	9	28(1)	21(3)	12	8	17(2)	20	11	1	4	9	30	170(6)
CHEROKEE	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEYENNE	0	3	13	1	0	0	0	1	1	1	1	0	21
CLARK	2	1	1	3(2)	1	2	0	4	2	0	2	1	19(2)
CLAY	0	0	0	0	0	0	1	0	0	0	0	0	1
CLOUD	0	0	0	0	0	0	0	0	0	0	0	0	0
COFFEY	31	29	20	50	23	20	18	57	43	16	14(1)	21	342(1)
COMANCHE	10(5)	7(5)	2(2)	4(3)	11(8)	2	4(3)	9(6)	10(9)	8(6)	6(6)	7(6)	80(59)
COWLEY	2	4	5	5	2	4	3	4	4	5	2	3	43
CRAWFORD	11	6	6	0	0	4	0	12	0	0	0	0	39
DECATUR	0	1	0	2	0	3	0	2	4	2	4	1	19
DICKINSON	0	0	0	0	0	0	2	0	0	0	0	0	2
DONIPHAN	0	0	0	0	0	0	0	0	0	0	0	0	0
DOUGLAS	7	0	0	3	0	4	0	12	12	33	9	12	92
EDWARDS	1	2	1	0	1	0	1	0	5	3(1)	1	0	15(1)
ELK	0	4	5	2	0	0	4	1	0	3	0	1	20
ELLIS	25(1)	19	14	11	18	19	8	23	14	22	23	17	213(1)
ELLSWORTH	3	2	0	1	2	1	1	0	0	1	0	1	12
FINNEY	1	1	1	6	4	8(1)	10	11(2)	7(1)	9(1)	3(1)	5(1)	66(7)
FORD	10	6	8(1)	4	6	5	6(1)	11	11(3)	12(2)	10(1)	4(1)	93(9)
FRANKLIN	47	43	52	36	22	14	67	38	95	23	26	4	467
GEARY	0	0	0	0	0	0	0	0	0	0	0	0	0
GOVE	6	4	5	7	5	8	7	15	13	12(1)	9(1)	6	97(2)
GRAHAM	5	8	9	6	5	14	6	10	5	4	10	6	88

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County	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	TOTAL
GRANT	0	4	0	0	0	0	0	0	0	0	0	1	5
GRAY	5	2	3	4	4	4	3	6(2)	2(1)	8(2)	7(4)	4	52(9)
GREILEY	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWOOD	2	1	2	1	0	4	1	1	3	1	0	1	17
HAMILTON	2	0	0	0	0	0	0	0	0	2	0	1	5
HARPER	9(1)	12(5)	9(5)	17(6)	11(10)	16(10)	5(2)	8(3)	9(6)	10(8)	10(6)	4(4)	120(66)
HARVEY	0	1	0	0	0	0	1	0	1	3(1)	1	1	8(1)
HASKELL	0	0	2	7	0	8(1)	1	5	2	0	4	8	37(1)
HODGEMAN	7	9	4	4	12(1)	14(2)	4(1)	9(2)	24(1)	16	16(5)	11(2)	130(15)
JACKSON	0	0	0	0	0	3	0	0	0	0	2	0	5
JEFFERSON	0	0	0	0	0	0	0	0	0	0	2	0	2
JEWEL	0	0	0	0	0	0	0	0	0	0	0	0	0
JOHNSON	86	1	29	32	39	13	5	12	0	56	20	2	295
KEARNY	0	3	0	1	0	0	2	1	0	0	0	0	7
KINGMAN	0	2	2	7(1)	3	4	2	4(1)	4(1)	2	1	2	33(3)
KIOWA	0	1(1)	2(1)	3	4	4	5	2(1)	0	5(3)	1	0	27(6)
LABETTE	0	4	1	0	0	0	0	1	1	4	0	8	19
LANE	14	9	2	9	5	8	8	9	12(1)	5	4	5	90(1)
LEAVENWORTH	0	11	1	7	8	7	2	0	4	0	0	0	40
LINCOLN	0	0	0	0	0	0	0	0	0	0	0	0	0
LINN	7	3	0	3	25	10	3	1	12	14	4	11	93
LOGAN	2	14	7	8	5	5	8	9	12	9	4	5	88
LYON	6	1	0	0	6	0	0	0	0	0	9	6	28
MCPHERSON	2(1)	1	0	2	0	0	1	0	2	0	0	0	8(1)
MARION	1	0	1	1	0	2	1	1	4	1	0	1	13
MARSHALL	0	0	0	0	0	0	1	0	0	0	0	0	1
MEADE	1	4	2	2	2	1	4	1	0	3	2	1	23
MIAMI	14	32	12	6	21	32	71	22	69	29	46	5	359
MITCHELL	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTGOMERY	5	4	3	5	22	12	18	27	13	13	7	24	153
MORRIS	0	0	0	0	0	5	0	0	2	0	0	0	7
MORTON	0	0	0	0	0	2	1	0	0	4	1	0	8
NEMAHA	1	2	0	1	0	4	1	0	0	0	0	2	11
NEOSHO	0	0	3	0	0	0	7	1	0	1	2	6	20
NESS	11	13	7	21	11	9	14	21(2)	22(5)	9(1)	32(2)	19	189(10)
NORTON	4	1	0	5	3	6	2	0	3	3	3	6	36
OSAGE	0	0	0	0	0	0	0	0	0	0	0	0	0

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County	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	TOTAL
OSBORNE	0	0	1	2	0	1	4	2	2	3	0	0	15
OTTAWA	0	0	0	0	0	0	0	0	0	0	0	0	0
PAWNEE	4	1	5	4	2	1	0	3	7	3	6	1	37
PHILLIPS	0	5	3	2	4	3	6	2	6	3	4	3	41
POTTAWATOMIE	1	1	0	0	0	0	0	0	0	0	0	0	2
PRAATT	1	2	1	1	0	0	5	2	6	0	1	0	19
RAWLINS	0	0	4	1	2	1	2	2	1	2	2	2	19
RENO	1	1	3	5 (1)	0	1	1	2	1	7 (4)	4 (1)	8 (4)	34 (10)
REPUBLIC	0	0	0	0	0	0	0	0	0	0	0	0	0
RICE	7	6 (1)	5	3	2	1	8	0	3	5	4	5 (1)	49 (2)
RILEY	0	0	0	0	0	0	0	0	0	1	0	0	1
ROOKS	4	7	4	6	9	15	16	11	7	9	15	13	116
RUSH	8	1	2	7	2	3	6	6	5	3	1	5	49
RUSSELL	3	10	5	6	7	10	11	8	3	7	6	5	81
SALINE	1	3	0	0	1	0	5	2	2	0	1	1	16
SCOTT	15	6	1	3	6	8	7	1	7	10	9	3	76
SEDGWICK	2	2	0	0	0	0	0	0	1	1	3 (1)	0	9 (1)
SEWARD	1	1	1	1	0	0	0	0	1	1	2	2 (1)	10 (1)
SHAWNEE	0	0	0	0	0	0	0	0	0	0	0	0	0
SHERIDAN	0	3	1	1	1	6	3	1	5 (1)	6	4	0	31 (1)
SHERMAN	2 (1)	1	0	0	0	0	0	0	0	0	0	0	3 (1)
SMITH	0	0	0	0	0	0	0	0	0	1	0	0	1
STAFFORD	5	11	5	3	4	5	3	7	4	4	4	3	58
STANTON	0	2	0	1	2	0	0	2	0	0	2	0	9
STEVENS	1	1	1	0	0	0	2	0	0	3	3	0	11
SUMNER	0	2	2	4 (1)	0	0	8 (1)	4 (1)	5 (3)	3 (1)	0	1	29 (7)
THOMAS	3	4	1	9	3	3	4	3	2	4	3	0	39
TREGO	3	5	6	15	3	8	10 (1)	8 (1)	4	8 (1)	6	7 (1)	83 (4)
WABAUNSEE	2	1	0	0	0	0	0	0	1	0	0	2	6
WALLACE	2	0	0	0	0	0	0	0	0	0	0	0	8
WASHINGTON	0	0	0	0	0	0	0	0	0	0	0	0	0
WICHITA	2	0	1	0	3	3	1	4	0	2	1	6	23
WILSON	0	3	3	2	11	2	6	5	9	7 (1)	10 (1)	6	64 (2)
WOODSON	21	25	17	34	23	20	48	55	34	23	42	57	399
WYANDOTTE	0	0	0	0	0	0	0	0	0	0	0	0	0
													6449 (268)

October 2012 KCC Intent-to-drill Permits

County	Intents
ALLEN	30
ANDERSON	76
BARBER	11 (1)
BARTON	16
BOURBON	37
BUTLER	3
CHASE	1
CHAUTAQU	9
CHEYENNE	1
CLARK	4 (1)
COFFEY	26
COMANCHE	6 (5)
COWLEY	3
DOUGLAS	1
EDWARDS	1
ELK	1
ELLIS	19
ELLSWORT	3
FINNEY	6
FORD	9 (3)
FRANKLIN	56
GOVE	11
GRAHAM	17
GRAY	14 (3)
GREENWOO	1
HARPER	10 (9)
HARVEY	1
HASKELL	4
HODGEMA	12 (2)
JOHNSON	84
KEARNY	3
KIOWA	4
LANE	9
LEAVENWO	10
LINN	15
LOGAN	10
LYON	1
MARION	1
MCPHERSO	1
MEADE	1
MIAMI	55
MONTGOM	12
NEOSHO	7
NESS	9
NORTON	8

County	Intents
PAWNE	9
PHILLI	5
RAWLI	3
RENO	6 (3)
RICE	7
ROOKS	5
RUSH	7
RUSSE	10
SALIN	2
SCOTT	8
SEDG	1
SEWAR	1
SHERI	3
STAFF	7
STANT	11
STEVE	2
THOM	4
TREGO	15
WALLA	2
WICHI	4
WILSO	15
WOOD	48

794 (27)

Kansas Corporation Commission
 Conservation Division
 Horizontal Wells January 1, 2002 to October 31, 2012

COUNTY	NO. INTENTS
Allen	2
Anderson	2
Barber	46
Bourbon	2
Chautauqua	7
Cheyenne	2
Clark	5
Coffey	1
Comanche	68
Cowley	1
Edwards	1
Ellis	1
Finney	8
Ford	13
Gove	2
Gray	12
Harper	84
Harvey	1
Haskell	6
Hodgeman	15
Kingman	3
Kiowa	8
Labette	1
Lane	1
McPherson	2
Marion	1
Meade	1
Montgomery	15
Morton	1
Nesho	1
Ness	12
Reno	13
Rice	2
Sedgwick	1
Seward	4
Sheridan	1
Sherman	47
Stevens	7
Sumner	10
Trego	4
Wilson	3
Woodson	1
TOTAL	418

Spud	100
Drilled	50
Producing	151
Inactive	22
Intents	73
Plugged	18
SWD	4
TOTAL	418

KANSAS CORPORATION COMMISSION

October 2012

SUMMARY OF HORIZONTAL WELLS IN KANSAS BY COUNTY Total Number of Wells: 329

DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TMP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
03	33097	SOUTHERN STAR CENTRAL GAS PIPELINE, INC.	COLONY 97-H	GSI	SP	7	23	19 E	ANDERSON	06/14/2012	08/31/2012		15-003-25502-01-00
03	33097	SOUTHERN STAR CENTRAL GAS PIPELINE, INC.	COLONY 98-H	GSI	SP	6	23	19 E	ANDERSON	06/14/2012	10/04/2012		15-003-25503-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	SUMMERS A 5H	OG	PR	20	34	11 W	BARBER	06/04/2010	06/18/2010	09/13/2010	15-007-23550-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SCHROCK 1 1H	GAS	PR	1	35	11 W	BARBER	08/27/2010	09/02/2010	09/18/2010	15-007-23587-01-00
01	3532	CMX, INC.	SCROOGE 1-7H	OIL	PR	7	35	11 W	BARBER	02/25/2011	04/04/2011	08/15/2011	15-007-23663-01-00
01	3532	CMX, INC.	GRINCH 1-8H	OIL	PR	8	35	11 W	BARBER	06/15/2011	06/19/2011	09/09/2011	15-007-23722-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	WILEY TRUST 3-H	OG	PR	8	34	11 W	BARBER	06/20/2011	07/17/2011	08/16/2011	15-007-23725-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROBERT 1-13H	GAS	PR	13	35	11 W	BARBER	08/26/2011	09/05/2011	10/24/2011	15-007-23756-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WILLIAM 1-11H	OIL	DR	11	35	10 W	BARBER	09/19/2011	10/02/2011	11/11/2011	15-007-23768-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	TUCKER B 4H	OG	PR	11	34	11 W	BARBER	09/19/2011	09/22/2011	11/16/2011	15-007-23769-01-00
01	34574	SHELL GULF OF MEXICO INC.	SCHROCK 3510 12-1H	OIL	DR	12	35	10 W	BARBER	09/20/2011	09/26/2011	03/30/2012	15-007-23770-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE 26-07H	OIL	DR	26	33	15 W	BARBER	10/04/2011	12/15/2011	01/26/2012	15-007-23780-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	TUCKER B 5H	OG	PR	11	34	11 W	BARBER	10/14/2011	10/15/2011	11/30/2011	15-007-23787-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE HC-3	OIL	PR	25	33	15 W	BARBER	10/18/2011	02/16/2012	04/11/2012	15-007-23789-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROARK 1-31H	OIL	PR	31	34	10 W	BARBER	11/01/2011	12/11/2011	12/28/2011	15-007-23802-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LORI 1-2H	OIL	PR	2	35	10 W	BARBER	12/02/2011	01/03/2012	02/19/2012	15-007-23816-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JENNIE 1-10H	OIL	PR	10	35	10 W	BARBER	12/02/2011	12/28/2011	01/27/2012	15-007-23817-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE 23-05H	OIL	PR	23	33	15 W	BARBER	12/09/2011	01/06/2012		15-007-23818-01-00
01	34574	SHELL GULF OF MEXICO INC.	CIRCLE INDUSTRIES 3310 2	OIL	IN	25	33	10 W	BARBER	01/10/2012	01/14/2012	07/02/2012	15-007-23831-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE 19-04H	OIL	PR	19	33	14 W	BARBER	01/30/2012	03/13/2012	05/09/2012	15-007-23839-01-00
01	34574	SHELL GULF OF MEXICO INC.	WATKINS & FARNEY 3510 1	OIL	PR	18	35	10 W	BARBER	02/09/2012	03/07/2012	09/12/2012	15-007-23844-01-00
01	34574	SHELL GULF OF MEXICO INC.	SCHUPBACH 3510 4-1H	OIL	SP	4	35	10 W	BARBER	03/13/2012	05/05/2012		15-007-23853-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT DATE	COMPLETION DATE	API
01	34574	SHELL GULF OF MEXICO INC.	SCHUPBACH 3510 4-2H	OIL	SP	4	35	10 W	BARBER	03/13/2012	05/08/2012		15-007-23854-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LORI 2-2H	OIL	DR	2	35	10 W	BARBER	03/27/2012	04/06/2012	05/02/2012	15-007-23859-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	RICKE 4H	GAS	PR	5	35	11 W	BARBER	03/29/2012	05/18/2012	07/30/2012	15-007-23861-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	KATHELEN 1-1H	GAS	PR	1	35	10 W	BARBER	05/01/2012	05/03/2012	05/19/2012	15-007-23876-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JOANN 1-1H	GAS	PR	1	35	10 W	BARBER	05/02/2012	05/17/2012	06/04/2012	15-007-23877-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ZOEY 1-13H	OIL	PR	13	35	10 W	BARBER	05/31/2012	06/04/2012	06/21/2012	15-007-23892-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	MILLER GU D 2H	OG	PR	23	34	11 W	BARBER	06/05/2012	06/14/2012	07/31/2012	15-007-23894-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	MILLER-DIEL 1H	OG	PW	23	34	11 W	BARBER	06/05/2012			15-007-23895-01-00
01	34662	TUG HILL OPERATING, LLC	DONOVAN 1-10H	OG	SP	10	34	13 W	BARBER	06/29/2012	07/27/2012		15-007-23910-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE NO 3314 13-03HC	OIL	PW	13	33	14 W	BARBER	07/20/2012			15-007-23918-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JENNIE 3510 2-10H	OIL	SP	10	35	10 W	BARBER	07/23/2012	07/24/2012		15-007-23919-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WILLIAM 3510 4-11H	OIL	SP	11	35	10 W	BARBER	07/23/2012	08/31/2012		15-007-23920-01-00
01	34574	SHELL GULF OF MEXICO INC.	KNORP FARMS 3410 34-1H	OIL	PW	34	34	10 W	BARBER	07/31/2012			15-007-23923-01-00
01	34574	SHELL GULF OF MEXICO INC.	KNORP FARMS 3410 34-2H	OIL	PW	34	34	10 W	BARBER	07/31/2012			15-007-23924-01-00
01	34574	SHELL GULF OF MEXICO INC.	SCHUPBACH 3510 16-1H	OIL	SP	16	35	10 W	BARBER	07/31/2012	10/13/2012		15-007-23927-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	MILLER-DIEL 1H	OG	SP	14	34	11 W	BARBER	08/01/2012	08/03/2012		15-007-23928-01-00
01	34574	SHELL GULF OF MEXICO INC.	SCHUPBACH RANCH 3510 3	OIL	DR	3	35	10 W	BARBER	08/02/2012	09/18/2012	09/20/2012	15-007-23929-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE NO. HC1	OIL	DR	25	33	15 W	BARBER	08/07/2012	09/06/2012	10/23/2012	15-007-23931-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	SPICER 1H	OG	SP	11	34	11 W	BARBER	08/13/2012	08/22/2012		15-007-23934-01-00
01	34662	TUG HILL OPERATING, LLC	DONOVAN 1-11H	OG	PW	11	34	13 W	BARBER	08/15/2012			15-007-23935-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HAMMER SWD 3510 1-1	SWD	PD	1	35	10 W	BARBER	08/17/2012	08/18/2012		15-007-23936-01-00
01	33168	WOOLSEY OPERATING COMPANY, LLC	JAHAY 6H	OG	SP	6	34	10 W	BARBER	09/13/2012	10/01/2012		15-007-23946-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE NO. 3315 25-03 HC	OIL	SP	25	33	15 W	BARBER	09/18/2012	09/29/2012		15-007-23949-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WILLIAM 3510 2-11H	OIL	SP	2	35	10 W	BARBER	09/26/2012	10/11/2012		15-007-23952-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WILLIAM 3510 3-11H	OIL	SP	11	35	10 W	BARBER	09/26/2012	09/28/2012		15-007-23953-01-00
01	32811	OSAGE RESOURCES, LLC	OSAGE 3313_1807HC	OIL	SP	18	33	13 W	BARBER	10/25/2012	11/05/2012		15-007-23963-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT DATE	COMPLETION DATE	API
03	34654	NEMAHA OIL AND GAS LLC	FULSOM RANCH 1A-7-33-9H	OIL	RC	7	33	9 E	CHAUTAUQUA	11/10/2011	11/17/2011	02/08/2012	15-019-27111-01-00
03	34654	NEMAHA OIL AND GAS LLC	HADEN RANCH 1A-6-33-9	OIL	PR	6	33	9 E	CHAUTAUQUA	12/20/2011	01/05/2012	03/12/2012	15-019-27125-01-00
03	34654	NEMAHA OIL AND GAS LLC	DJK 1A-16-32-9	OIL	PR	16	32	9 E	CHAUTAUQUA	12/23/2011	12/29/2011	02/04/2012	15-019-27126-01-00
03	34654	NEMAHA OIL AND GAS LLC	STELBAR 1A-21-32-9	OIL	PR	21	32	9 E	CHAUTAUQUA	12/28/2011	01/25/2012	03/02/2012	15-019-27135-01-00
03	32638	NADEL AND GUSSMAN LLC	LACKEY 1A-7-34-9 H	OIL	PW	7	34	9 E	CHAUTAUQUA	03/27/2012			15-019-27174-01-00
03	32638	NADEL AND GUSSMAN LLC	MASSEY 1A-18-34-9 H	OIL	PW	18	34	9 E	CHAUTAUQUA	03/27/2012			15-019-27175-01-00
04	33019	ROSEWOOD RESOURCES, INC.	ZIMBELMAN 43-13D	GAS	PR	13	3	41 W	CHEYENNE	03/08/2011	10/31/2011	01/05/2012	15-023-21307-01-00
01	34191	REEDER OPERATING LLC	RONNY EVANS 1-36H	OG	DR	36	30	21 W	CLARK	01/03/2012	01/02/2012	02/10/2012	15-025-21536-01-00
01	34191	REEDER OPERATING LLC	B.W.B. OF KANSAS 1-22 H	OG	DR	22	30	21 W	CLARK	01/23/2012	01/30/2012		15-025-21537-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ELSEY 3025 1-1H	OIL	SP	1	30	25 W	CLARK	10/23/2012	10/28/2012		15-025-21548-01-00
03	33453	JONES, STEPHEN C.	J. BIRK 1B	OIL	PW	28	21	14 E	COFFEY	08/16/2012			15-031-23359-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	KERSTETTER 1-25H	OIL	PR	25	31	20 W	COMANCHE	03/04/2011	03/14/2011	06/17/2011	15-033-21581-01-00
01	34191	REEDER OPERATING LLC	JOHN D. WILLBANKS 1-21H	OG	IN	21	31	18 W	COMANCHE	07/12/2011		09/21/2011	15-033-21589-01-00
01	32334	CHESAPEAKE OPERATING, INC.	YORK 31-31-17 1H	OIL	PR	31	31	17 W	COMANCHE	08/09/2011	08/16/2011	09/18/2011	15-033-21591-01-00
01	32334	CHESAPEAKE OPERATING, INC.	TROPHY FARMS 32-34-16 1H	OIL	DR	32	34	16 W	COMANCHE	08/09/2011	09/24/2011	11/05/2011	15-033-21595-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MARIAH 1-36H	OIL	PR	25	31	20 W	COMANCHE	09/20/2011	09/23/2011	12/03/2011	15-033-21599-01-00
01	34191	REEDER OPERATING LLC	BROWN-TODD 1-7H	OG	PR	7	32	17 W	COMANCHE	10/10/2011	12/08/2011	01/13/2012	15-033-21598-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROY 1-1H	OIL	TX	36	31	20 W	COMANCHE	10/10/2011	01/12/2012		15-033-21599-01-00
01	34191	REEDER OPERATING LLC	ROBERT D. GRAY 1-20H	OG	PR	20	32	17 W	COMANCHE	10/21/2011	10/31/2011	01/13/2012	15-033-21603-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ELLIS 1-19H	GAS	PR	30	31	19 W	COMANCHE	10/28/2011	10/31/2011	01/08/2012	15-033-21605-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SEAN 1-18H	OIL	PR	19	31	19 W	COMANCHE	11/07/2011	11/23/2011	12/10/2011	15-033-21606-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	VC 1-23H	OIL	PR	23	31	20 W	COMANCHE	11/07/2011	12/15/2011	01/06/2012	15-033-21607-01-00
01	32204	REDLAND RESOURCES, INC.	EINSEL 13-3H	OIL	PR	13	33	17 W	COMANCHE	11/15/2011	11/15/2011	04/01/2012	15-033-21608-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	IRIS 1-1H	OIL	PR	1	31	20 W	COMANCHE	11/30/2011	01/30/2012	02/29/2012	15-033-21611-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	AMELIA GRACE 1-2H	OIL	PR	2	31	20 W	COMANCHE	11/30/2011	03/15/2012	04/09/2012	15-033-21612-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	PTL 1-15H	OIL	PR	15	31	20 W	COMANCHE	12/29/2011	12/30/2011	02/03/2012	15-033-21613-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BRENTLEY 1-6H	OIL	PR	6	32	19 W	COMANCHE	12/29/2011	01/11/2012	03/05/2012	15-033-21614-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROCKENBACH 1-17H	OIL	PW	20	31	19 W	COMANCHE	01/06/2012			15-033-21615-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MURPHY 1-7H	OIL	PR	7	31	19 W	COMANCHE	01/23/2012	03/14/2012	05/01/2012	15-033-21616-01-00
01	34662	TUG HILL OPERATING, LLC	EDMONSTON 1-28H	OG	SP	28	31	20 W	COMANCHE	01/25/2012	02/29/2012		15-033-21618-01-00
01	34662	TUG HILL OPERATING, LLC	BEARDEN TRUST 1-7H	GAS	PR	7	33	17 W	COMANCHE	02/07/2012	04/30/2012	08/26/2012	15-033-21619-01-00
01	34662	TUG HILL OPERATING, LLC	HOFFMAN FAMILY TRUST 1-	OIL	PR	18	34	18 W	COMANCHE	02/07/2012	04/25/2012	09/23/2012	15-033-21621-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SARAH 1-34H	OIL	PR	34	33	17 W	COMANCHE	02/09/2012	02/23/2012	03/25/2012	15-033-21622-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LEROY 1-5H	OIL	PW	5	31	19 W	COMANCHE	02/09/2012			15-033-21623-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	PAULINE 1-8H	OIL	PW	5	31	19 W	COMANCHE	02/09/2012			15-033-21624-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LARRY 1-30H	OIL	PR	30	31	19 W	COMANCHE	02/09/2012	02/24/2012	03/22/2012	15-033-21625-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CARLISLE 3317 1-27H	OIL	SP	34	33	17 W	COMANCHE	02/09/2012	07/09/2012		15-033-21627-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RUBY 1-20H	LH	PA	20	31	19 W	COMANCHE	02/15/2012	03/16/2012	04/12/2012	15-033-21629-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JAYNE 1-19H	OIL	PR	19	33	17 W	COMANCHE	04/06/2012	04/10/2012	05/02/2012	15-033-21631-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TEAL 1-27H	OIL	PR	27	31	20 W	COMANCHE	04/24/2012	05/02/2012	05/25/2012	15-033-21632-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RUBY 3119 1A-20H	OIL	PR	20	31	19 W	COMANCHE	04/30/2012	05/02/2012	05/25/2012	15-033-21633-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HAROLD 1-26H	OIL	PR	26	31	20 W	COMANCHE	05/11/2012	05/23/2012	06/18/2012	15-033-21636-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	KELLY DANIELLE 3119 1-23H	OIL	PR	23	31	19 W	COMANCHE	05/11/2012	05/23/2012	07/08/2012	15-033-21637-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MELISSA SWD 3119 1-5	SWD	AI	5	31	19 W	COMANCHE	05/11/2012	05/16/2012	06/24/2012	15-033-21638-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BROCK 3418 1-24H	GAS	PR	24	34	18 W	COMANCHE	05/17/2012	05/24/2012	06/19/2012	15-033-21639-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HUCK 3120 1-9H	OIL	PR	9	31	20 W	COMANCHE	05/21/2012	05/28/2012	06/25/2012	15-033-21641-01-00
01	34662	TUG HILL OPERATING, LLC	HALEY UNIT 1-10H	OG	SP	10	34	18 W	COMANCHE	05/24/2012	06/12/2012		15-033-21643-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MARIAH 3120 2-36H	OIL	SP	25	31	20 W	COMANCHE	06/07/2012	07/20/2012		15-033-21644-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	PEPPER 3419 1-4H	GAS	PR	4	34	19 W	COMANCHE	06/07/2012	06/16/2012	07/13/2012	15-033-21645-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CASEY 3319 1-26H	OIL	PW	26	33	19 W	COMANCHE	06/07/2012			15-033-21646-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SALLY 3420 1-12H	OIL	PR	12	34	20 W	COMANCHE	06/12/2012	06/15/2012	08/12/2012	15-033-21647-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	KERSTETTER 3120 2-25H	OIL	PR	36	31	20 W	COMANCHE	06/12/2012	06/18/2012	07/25/2012	15-033-21648-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
01	34662	TUG HILL OPERATING, LLC	BEARDEN TRUST 1-17H	OG	SP	17	33	17 W	COMANCHE	06/29/2012	09/20/2012		15-033-21649-01-00
01	34662	TUG HILL OPERATING, LLC	HOFFMAN FAMILY TRUST 1-	OG	PW	7	34	18 W	COMANCHE	06/29/2012			15-033-21650-01-00
01	34662	TUG HILL OPERATING, LLC	EDMONSTON UNIT B 1-34H	OG	PW	34	31	20 W	COMANCHE	06/29/2012			15-033-21651-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SEAN 3119 2-18H	OIL	PR	19	31	19 W	COMANCHE	06/29/2012	07/08/2012	07/30/2012	15-033-21652-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WARREN 3317 1-26H	OIL	SP	26	33	17 W	COMANCHE	07/10/2012	08/02/2012		15-033-21654-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MARIE 3418 1-5H	OIL	SP	5	34	18 W	COMANCHE	07/10/2012	10/31/2012		15-033-21655-01-00
01	34662	TUG HILL OPERATING, LLC	PROCTOR TRUST 1-25H	OG	SP	25	31	19 W	COMANCHE	07/16/2012	09/07/2012		15-033-21658-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HARLOW 3119 1-28H	OIL	SP	28	31	19 W	COMANCHE	07/20/2012	08/19/2012		15-033-21659-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ELLIS 3119 2-19H	OIL	SP	19	31	19 W	COMANCHE	07/20/2012	07/27/2012		15-033-21660-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RUBY 3119 2-20H	OIL	SP	20	31	19 W	COMANCHE	07/20/2012	08/14/2012		15-033-21661-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JAMES 3318 1-13H	OIL	SP	13	33	18 W	COMANCHE	08/03/2012	08/09/2012		15-033-21662-01-00
01	34662	TUG HILL OPERATING, LLC	PROCTOR TRUST 1-26H	OG	PW	26	31	19 W	COMANCHE	08/17/2012			15-033-21663-01-00
01	34662	TUG HILL OPERATING, LLC	EDMONSTON UNIT A 1-33H	OG	PW	33	31	20 W	COMANCHE	08/17/2012			15-033-21664-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LARRY 3119 2-30H	OIL	SP	30	31	19 W	COMANCHE	08/17/2012	08/20/2012		15-033-21665-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SARAH 3317 2-34H	OIL	SP	34	33	17 W	COMANCHE	08/17/2012	08/29/2012		15-033-21666-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	GARLAND 3120 1-28H	OIL	SP	26	31	20 W	COMANCHE	08/30/2012	09/04/2012		15-033-21667-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	VC 3120 2-14H	OIL	SP	14	31	20 W	COMANCHE	09/05/2012	09/19/2012		15-033-21668-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SCHANTZ 3317 1-35H	OIL	SP	26	33	17 W	COMANCHE	09/05/2012	09/19/2012		15-033-21669-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CROSBY 3318 1-26H	OIL	SP	26	33	18 W	COMANCHE	09/05/2012	09/11/2012		15-033-21670-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MURPHY 3119 2-7H	OIL	SP	7	31	19 W	COMANCHE	09/25/2012	10/10/2012		15-033-21671-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	THYME 3419 1-5H	OIL	SP	5	34	19 W	COMANCHE	09/25/2012	10/01/2012		15-033-21672-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ANITA 3420 1-12H	OIL	SP	12	34	20 W	COMANCHE	09/28/2012	10/24/2012		15-033-21673-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CARLSLE 3317 2-27H	OIL	SP	34	33	17 W	COMANCHE	10/08/2012	10/11/2012		15-033-21676-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HAROLD 3120 2-26H	OIL	SP	26	31	20 W	COMANCHE	10/16/2012	10/31/2012		15-033-21677-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	GREG 3119 1-33H	OIL	PW	28	31	19 W	COMANCHE	10/24/2012			15-033-21678-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TIA 3319 1-26H	OIL	PW	26	33	19 W	COMANCHE	10/24/2012			15-033-21679-01-00

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01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SCOTT 3119 1-29H	OIL	PW	32	31	19	W	COMANCHE	10/30/2012		15-033-21680-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BIAGI 2520 1-28H	OIL	PW	28	25	20	W	EDWARDS	07/03/2012		15-047-21611-01-00	
04	5030	VESS OIL CORPORATION	MCCORD A 20H	OIL	DR	26	11	17	W	ELLIS	10/26/2011	11/01/2011	03/01/2012	15-051-26218-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ISAAC FARMS 1-36H	OIL	PR	36	22	31	W	FINNEY	03/13/2012	04/12/2012	05/07/2012	15-055-22135-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	FINNUP 23H 1	OIL	PW	24	22	27	W	FINNEY	05/21/2012		15-055-22157-01-00	
01	34681	ENCANA OIL & GAS (USA) INC.	FINNUP 24H 2	OIL	PW	24	22	27	W	FINNEY	05/21/2012		15-055-22158-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BRANDT 2230 1-31H	OIL	SP	31	22	30	W	FINNEY	06/28/2012	07/12/2012	15-055-22163-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LORIMER 2330 1-9H	OIL	SP	9	23	30	W	FINNEY	07/25/2012	08/08/2012	15-055-22174-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SONDEREGGER 2331 1-13H	OIL	SP	13	23	31	W	FINNEY	08/21/2012	09/01/2012	15-055-22177-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	FALDTZ 2231 1-28H	OIL	SP	26	22	31	W	FINNEY	09/10/2012	10/01/2012	15-055-22178-01-00	
01	32334	CHESAPEAKE OPERATING, INC.	MOLITOR 36-26-21 1H	OIL	PW	36	26	21	W	FORD	12/28/2011		15-057-20779-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	POWERS 1-2H	GAS	PR	2	27	22	W	FORD	04/24/2012	04/26/2012	07/18/2012	15-057-20800-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BONES 2821 1-11H	OIL	PR	11	28	21	W	FORD	06/05/2012	06/12/2012	07/23/2012	15-057-20813-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MARKS 1-24H	OIL	PR	24	29	25	W	FORD	06/29/2012	07/07/2012	09/08/2012	15-057-20820-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JOCHEMS 2721 1-2H	DH	DR	2	27	21	W	FORD	06/29/2012	07/05/2012	15-057-20821-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RADER 2922 1-1H	OIL	SP	1	29	22	W	FORD	07/13/2012	08/15/2012	15-057-20826-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TASSET 2622 1-34H	OIL	SP	34	26	22	W	FORD	08/23/2012	09/06/2012	15-057-20839-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MARY ANN 2622 1-36H	OIL	SP	36	26	22	W	FORD	09/18/2012	09/28/2012	15-057-20845-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MAIN 2924 1-30H	OIL	SP	30	29	24	W	FORD	10/10/2012	10/20/2012	15-057-20849-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROST 1-28H	OIL	PW	26	26	24	W	FORD	10/18/2012		15-057-20852-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	ROONEY 2925 2-24H	OIL	PW	24	29	25	W	FORD	10/25/2012		15-057-20854-01-00	
04	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LUNDGREN 1429 1-21H	OIL	AX	21	14	29	W	GOVE	07/11/2012	07/21/2012	15-063-22022-01-00	
04	34289	APACHE CORPORATION	OCHS 11-27-03-1H	OIL	PW	3	11	27	W	GOVE	08/22/2012		15-063-22038-01-00	
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BLEUMER 2629 1-19H	OIL	PR	19	26	29	W	GRAY	05/07/2012	05/08/2012	06/04/2012	15-069-20373-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MILLERSHASKI 2629 1-15H	OIL	PR	15	26	29	W	GRAY	05/16/2012	05/22/2012	07/01/2012	15-069-20375-01-00

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01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TOEWS 2629 1-21H	OIL	PR	21	26	29 W	GRAY	06/05/2012	06/08/2012	07/25/2012	15-069-20378-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LAWYER 2629 1-30H	OIL	SP	30	26	29 W	GRAY	07/20/2012	07/24/2012		15-069-20384-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	UNRUH 2629 1-17H	OIL	SP	17	26	29 W	GRAY	07/27/2012	08/17/2012		15-069-20387-01-00
01	34729	SANCHEZ OIL & GAS CORPORATION	RENICK 5-1H	OIL	SP	5	26	29 W	GRAY	08/01/2012	08/19/2012		15-069-20388-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MINNET 2629 1-33H	OIL	SP	28	26	29 W	GRAY	08/22/2012	09/19/2012		15-069-20391-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TOEWS 2629 1-28H	OIL	SP	28	26	29 W	GRAY	08/22/2012	08/31/2012		15-069-20392-01-00
01	34729	SANCHEZ OIL & GAS CORPORATION	MILLER 8-1H	OIL	SP	5	26	29 W	GRAY	08/31/2012	09/13/2012		15-069-20394-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BLEUMER 2630 1-13H	OIL	SP	24	26	30 W	GRAY	10/02/2012	10/16/2012		15-069-20400-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RICHMOND 2730 1-9H	OIL	PW	9	27	30 W	GRAY	10/16/2012			15-069-20404-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BENJAMIN SCHMIDT 2729 1-	OIL	PW	22	27	29 W	GRAY	10/25/2012			15-069-20410-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BERNICE 1-17H	OIL	DR	17	35	7 W	HARPER	04/12/2011	07/11/2011	08/30/2011	15-077-21739-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	GREEN 1-16H	OIL	PR	16	35	6 W	HARPER	06/07/2011	08/13/2011	09/20/2011	15-077-21745-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BRITT 1-20H	OIL	PR	20	34	6 W	HARPER	07/19/2011	09/12/2011	10/24/2011	15-077-21746-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LAKE 1-21H	GAS	PR	21	34	6 W	HARPER	07/22/2011	09/19/2011	11/28/2011	15-077-21747-01-00
02	32334	CHESAPEAKE OPERATING, INC.	DANIELSON 25-34-8 1H	OIL	DR	25	34	8 W	HARPER	08/11/2011	04/28/2012	05/31/2012	15-077-21749-01-00
02	32334	CHESAPEAKE OPERATING, INC.	BURNETT TRUST 8-34-8 1H	OIL	PW	8	34	8 W	HARPER	09/06/2011			15-077-21750-01-00
02	32334	CHESAPEAKE OPERATING, INC.	USBETH 31-34-8 1H	OIL	PW	31	34	8 W	HARPER	09/06/2011			15-077-21751-01-00
02	32334	CHESAPEAKE OPERATING, INC.	HUGHES 17-35-8 1H	OIL	PW	17	35	8 W	HARPER	09/06/2011			15-077-21752-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CYNTHIA 1-14H	OIL	PR	14	35	6 W	HARPER	09/14/2011	11/04/2011	12/01/2011	15-077-21754-01-00
02	34574	SHELL GULF OF MEXICO INC.	SENF 3308 19-1H	OIL	DR	19	33	8 W	HARPER	09/20/2011	09/22/2011	02/03/2012	15-077-21756-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RED FERN 1-16H	OIL	PR	16	35	7 W	HARPER	10/20/2011	10/23/2011	01/20/2012	15-077-21766-01-00
02	34574	SHELL GULF OF MEXICO INC.	LOCKWOOD FARMS 3307 14	OIL	DR	14	33	7 W	HARPER	11/07/2011	11/17/2011	04/28/2012	15-077-21772-01-00
02	34574	SHELL GULF OF MEXICO INC.	LOCKWOOD FARMS 3307 14	OIL	PW	14	33	7 W	HARPER	11/07/2011			15-077-21773-01-00
02	34574	SHELL GULF OF MEXICO INC.	STARKS & MASNER 3307 30-	OIL	DR	30	33	7 W	HARPER	11/07/2011	12/05/2011	05/18/2012	15-077-21774-01-00
02	34574	SHELL GULF OF MEXICO INC.	HOSTETTLER 3107 30-1H	OIL	IN	30	31	7 W	HARPER	11/09/2011	11/21/2011		15-077-21775-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JENNIFER 1-34H	OIL	PR	34	34	8 W	HARPER	11/29/2011	11/04/2011	01/13/2012	15-077-21780-01-00

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02	34574	SHELL GULF OF MEXICO INC.	ALBRIGHT CROFT 3407	15-1	OIL	DR	15	34	7	W	HARPER	12/12/2011	12/14/2011	07/10/2012	15-077-21787-01-00
02	34574	SHELL GULF OF MEXICO INC.	ALBRIGHT CROFT 15-2H		OIL	IN	15	34	7	W	HARPER	12/13/2011	01/06/2012	06/30/2012	15-077-21788-01-00
02	34574	SHELL GULF OF MEXICO INC.	HEVIER & ROBINSON 3208	7	OIL	PW	7	32	8	W	HARPER	12/16/2011			15-077-21789-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	FERRIS 1-5H		OIL	PR	5	33	6	W	HARPER	12/27/2011	12/29/2011	01/21/2012	15-077-21790-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	HOPKINS 1-14H		OIL	PR	14	35	7	W	HARPER	12/27/2011	03/07/2012	04/13/2012	15-077-21791-01-00
02	34574	SHELL GULF OF MEXICO INC.	STUCHAL TRUST 3106	27-1	OIL	DR	27	31	6	W	HARPER	01/10/2012	01/18/2012		15-077-21793-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BRAID 1-12H		OIL	PR	12	35	8	W	HARPER	01/18/2012	01/17/2012	02/15/2012	15-077-21795-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LIT TRUST 1-14H		OIL	PR	14	35	8	W	HARPER	01/18/2012	01/30/2012	03/12/2012	15-077-21796-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TERESIA 1-16H		DH	DR	16	35	9	W	HARPER	01/18/2012	02/20/2012	02/20/2012	15-077-21797-01-00
02	34574	SHELL GULF OF MEXICO INC.	HOSTETLER 3107	30-2H	OIL	DR	30	31	7	W	HARPER	01/31/2012	03/16/2012		15-077-21809-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BERNICE 2-17H		OIL	PR	17	35	7	W	HARPER	02/10/2012	02/14/2012	03/16/2012	15-077-21810-01-00
02	34574	SHELL GULF OF MEXICO INC.	CHAIN LAND 3509	11-1H	OIL	DR	11	35	9	W	HARPER	02/14/2012	05/15/2012	09/20/2012	15-077-21811-01-00
02	34574	SHELL GULF OF MEXICO INC.	CHAIN LAND 3509	11-2H	OIL	DR	11	35	9	W	HARPER	02/14/2012	05/17/2012	09/19/2012	15-077-21812-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	RED FEERN 2-16H		OIL	PW	16	35	7	W	HARPER	02/15/2012			15-077-21813-01-00
02	34574	SHELL GULF OF MEXICO INC.	CROFT FARMS 3407	30-1H	OIL	DR	30	34	7	W	HARPER	02/21/2012	03/30/2012		15-077-21814-01-00
02	34574	SHELL GULF OF MEXICO INC.	CROFT FARMS 3407	30-2H	OIL	DR	30	34	7	W	HARPER	02/21/2012	03/30/2012		15-077-21815-01-00
02	34574	SHELL GULF OF MEXICO INC.	DAVIS 3407	27-2H	OIL	SP	27	34	7	W	HARPER	02/22/2012	03/01/2012		15-077-21816-01-00
02	34574	SHELL GULF OF MEXICO INC.	SMITH FARMS 7-1H		OIL	SP	7	32	8	W	HARPER	02/28/2012	04/26/2012		15-077-21818-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	VORNAUF 1-18H		DH	DR	7	35	7	W	HARPER	02/28/2012	03/05/2012	03/05/2012	15-077-21819-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WESLEY 1-15H		OIL	PW	15	35	7	W	HARPER	02/28/2012			15-077-21820-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	WESLEY 1-10H		OIL	PR	10	35	7	W	HARPER	03/07/2012	03/08/2012	04/09/2012	15-077-21822-01-00
02	34574	SHELL GULF OF MEXICO INC.	DAVIS 3407	27-1H	OIL	DR	27	34	7	W	HARPER	03/08/2012	03/22/2012	07/23/2012	15-077-21823-01-00
02	34574	SHELL GULF OF MEXICO INC.	PARSONS TRUST 3207	11-1	OIL	DR	11	32	7	W	HARPER	03/13/2012	04/16/2012	04/18/2012	15-077-21824-01-00
02	34574	SHELL GULF OF MEXICO INC.	PARSONS TRUST 3207	11-2	OIL	DR	11	32	7	W	HARPER	03/13/2012	04/19/2012		15-077-21825-01-00
02	33996	UNIT PETROLEUM COMPANY	KITTS 1-29H		OIL	PW	20	34	8	W	HARPER	03/13/2012			15-077-21826-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CATHER 1-4H		OIL	PR	4	35	7	W	HARPER	03/14/2012	03/14/2012	04/07/2012	15-077-21829-01-00

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02	34574	SHELL GULF OF MEXICO INC.	GATES TRUST 3407	8-1H	OIL	PW	8	34	7	W	HARPER	03/20/2012	15-077-21830-01-00
02	34574	SHELL GULF OF MEXICO INC.	GATES TRUST 3407	8-2H	OIL	PW	8	34	7	W	HARPER	03/20/2012	15-077-21831-01-00
02	34574	SHELL GULF OF MEXICO INC.	SCHUTTE TRUST 3308	23-1	OIL	SP	23	33	8	W	HARPER	03/20/2012	15-077-21833-01-00
02	34574	SHELL GULF OF MEXICO INC.	SCHUTTE TRUST 3308	23-2	OIL	SP	23	33	8	W	HARPER	03/20/2012	15-077-21834-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SHELBY SWD	1-03	SWD	AI	3	35	7	W	HARPER	04/18/2012	15-077-21839-01-00
02	32334	CHESAPEAKE OPERATING, INC.	CATHER FAMILY FARMS 8-35-		OIL	DR	5	35	7	W	HARPER	04/26/2012	15-077-21841-01-00
02	34574	SHELL GULF OF MEXICO INC.	CROFT FARMS 3407	27-1H	OIL	DR	27	34	7	W	HARPER	05/02/2012	15-077-21843-01-00
02	34574	SHELL GULF OF MEXICO INC.	HARRIS FARMS 3407	8-1H	OIL	DR	8	34	7	W	HARPER	05/08/2012	15-077-21846-01-00
02	34574	SHELL GULF OF MEXICO INC.	HARRIS FARMS 3407	8-2H	OIL	DR	8	34	7	W	HARPER	05/08/2012	15-077-21847-01-00
02	34574	SHELL GULF OF MEXICO INC.	HUDGENS 3307	10-1H	OIL	DR	10	33	7	W	HARPER	06/05/2012	15-077-21852-01-00
02	34574	SHELL GULF OF MEXICO INC.	HUDGENS 3307	10-2H	OIL	DR	10	33	7	W	HARPER	06/05/2012	15-077-21853-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	28-1H	OIL	PR	28	34	9	W	HARPER	06/05/2012	15-077-21855-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	28-2H	OIL	DR	28	34	9	W	HARPER	06/12/2012	15-077-21856-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	STARKS	1-35H	GAS	PR	35	34	8	W	HARPER	06/12/2012	15-077-21857-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LILLMAN 3206	1-32H	OIL	PR	32	32	6	W	HARPER	06/25/2012	15-077-21858-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	VORNAUF	2-18H	OIL	SP	7	35	7	W	HARPER	07/06/2012	15-077-21859-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	33-2H	OIL	DR	33	34	9	W	HARPER	07/13/2012	15-077-21861-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	33-1H	OIL	DR	33	34	9	W	HARPER	07/13/2012	15-077-21862-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	33-3H	OIL	PW	33	34	9	W	HARPER	07/13/2012	15-077-21863-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	33-4H	OIL	PW	33	34	9	W	HARPER	07/13/2012	15-077-21864-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	34-1H	OIL	DR	34	34	9	W	HARPER	07/13/2012	15-077-21866-01-00
02	34574	SHELL GULF OF MEXICO INC.	KOBLITZ 3409	34-2H	OIL	DR	34	34	9	W	HARPER	07/13/2012	15-077-21867-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TURNER 3406	1-7H	OIL	SP	7	34	6	W	HARPER	07/23/2012	15-077-21868-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SHRACK	1-28H	OIL	SP	28	34	6	W	HARPER	08/01/2012	15-077-21869-01-00
02	34574	SHELL GULF OF MEXICO INC.	CHAIN LAND 3509	1-1H	OIL	SP	1	35	9	W	HARPER	08/20/2012	15-077-21874-01-00
02	34574	SHELL GULF OF MEXICO INC.	CHAIN LAND 3509	1-2H	OIL	SP	1	35	9	W	HARPER	08/20/2012	15-077-21875-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
02	34574	SHELL GULF OF MEXICO INC.	CHAN LAND 3509	OIL	SP	1	35	9	W	HARPER	08/20/2012	10/26/2012	15-077-21876-01-00
02	34574	SHELL GULF OF MEXICO INC.	CHAIN LAND 3509	OIL	SP	1	35	9	W	HARPER	08/20/2012	10/28/2012	15-077-21877-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	COOPER 3305	OIL	SP	27	33	5	W	HARPER	08/29/2012	09/04/2012	15-077-21878-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	BRITT 3406	OIL	SP	20	34	6	W	HARPER	09/19/2012	10/08/2012	15-077-21879-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	GARLOW	OIL	SP	16	34	6	W	HARPER	09/20/2012	09/21/2012	15-077-21880-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	JENNIFER 3408	OIL	SP	34	34	8	W	HARPER	09/21/2012	10/26/2012	15-077-21881-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LILLIAN 3206	OIL	SP	31	32	6	W	HARPER	09/27/2012	10/01/2012	15-077-21882-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	LILLIAN 3206	OIL	SP	31	32	6	W	HARPER	10/05/2012	10/10/2012	15-077-21883-01-00
02	34574	SHELL GULF OF MEXICO INC.	KAUP 3407	OIL	SP	16	34	7	W	HARPER	10/16/2012	11/06/2012	15-077-21885-01-00
02	34574	SHELL GULF OF MEXICO INC.	KAUP 3407	OIL	SP	16	34	7	W	HARPER	10/16/2012	11/06/2012	15-077-21886-01-00
02	34574	SHELL GULF OF MEXICO INC.	KAUP 3407	OIL	PW	16	34	7	W	HARPER	10/16/2012		15-077-21887-01-00
02	34574	SHELL GULF OF MEXICO INC.	KAUP 3407	OIL	PW	16	34	7	W	HARPER	10/16/2012		15-077-21888-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	MOORE 3407	OIL	PW	35	34	7	W	HARPER	10/16/2012		15-077-21889-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	CONNIE 3206	OIL	PW	5	33	6	W	HARPER	10/18/2012		15-077-21890-01-00
02	34192	SANDRIDGE EXPLORATION AND PRODUCTION	TURNER 3406	OIL	PW	7	34	6	W	HARPER	10/18/2012		15-077-21891-01-00
02	34574	SHELL GULF OF MEXICO INC.	CROFT FARMS 3407	OIL	SP	27	34	7	W	HARPER	10/30/2012	11/02/2012	15-077-21892-01-00
02	34681	ENCANA OIL & GAS (USA) INC.	NATTIER 16H	OIL	SP	16	24	2	E	HARVEY	07/18/2012	08/15/2012	15-079-20693-01-00
01	6447	OXY USA INC.	ELIZABETH A. COX	OIL	PR	8	30	33	W	HASKELL	03/13/2012	03/13/2012	15-081-21972-01-00
01	32334	CHESAPEAKE OPERATING, INC.	SIMPSON FARM 26-22-22	OIL	PW	26	22	22	W	HODGEMAN	02/03/2012		15-083-21750-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	FRUSHER	OIL	IN	10	21	24	W	HODGEMAN	03/05/2012	03/30/2012	15-083-21762-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	STAIRRETT	OIL	IN	18	21	23	W	HODGEMAN	03/21/2012	04/27/2012	15-083-21769-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	GOEBEL	OIL	IN	35	21	24	W	HODGEMAN	04/16/2012	05/18/2012	15-083-21776-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	FRUSHER	OIL	PW	15	21	24	W	HODGEMAN	05/10/2012		15-083-21781-01-00
01	34662	TUG HILL OPERATING, LLC	IMEL	OG	SP	31	23	22	W	HODGEMAN	05/21/2012	06/19/2012	15-083-21784-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SCHAFFER 2423	OIL	PW	1	24	23	W	HODGEMAN	06/19/2012		15-083-21805-01-00
01	34662	TUG HILL OPERATING, LLC	LOREN DOLL INC	OG	PW	18	23	23	W	HODGEMAN	08/03/2012		15-083-21828-01-00

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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
01	34662	TUG HILL OPERATING, LLC	GLEASON UNIT 1-20H	OG	SP	20	23	22 W	HODGEMAN	08/10/2012	10/08/2012		15-083-21831-01-00
01	34662	TUG HILL OPERATING, LLC	HAHN INC 1-15H	OIL	SP	15	22	23 W	HODGEMAN	08/16/2012	10/09/2012		15-083-21836-01-00
01	34662	TUG HILL OPERATING, LLC	STALLINGS UNIT 1-33H	OG	SP	33	22	23 W	HODGEMAN	08/16/2012	10/12/2012		15-083-21838-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	SMITH 36-25H 2	OIL	PW	36	23	25 W	HODGEMAN	09/12/2012			15-083-21845-01-00
01	34662	TUG HILL OPERATING, LLC	MACNAIR TRUST 1-19H	OG	PW	18	23	23 W	HODGEMAN	09/14/2012			15-083-21850-01-00
01	34662	TUG HILL OPERATING, LLC	VIRGINIA GLEASON UNIT 1-	OG	SP	21	23	22 W	HODGEMAN	10/03/2012	10/08/2012		15-083-21854-01-00
01	34662	TUG HILL OPERATING, LLC	SEBES UNIT 1-29H	OG	SP	20	23	22 W	HODGEMAN	10/04/2012	10/08/2012		15-083-21855-01-00
02	34574	SHELL GULF OF MEXICO INC.	MORROWLAND 3007 28-1H	OIL	DR	28	30	7 W	KINGMAN	01/19/2012	03/20/2012		15-095-22244-01-00
02	34662	TUG HILL OPERATING, LLC	DYE 1-16H	OG	SP	16	28	6 W	KINGMAN	05/16/2012	07/27/2012		15-095-22255-01-00
02	34574	SHELL GULF OF MEXICO INC.	RHODAS 93 FAMILY TRUST 30	OIL	DR	30	30	5 W	KINGMAN	06/13/2012			15-095-22259-01-00
01	32334	CHESAPEAKE OPERATING, INC.	BLAIR 36-30-19 1H	OIL	PR	36	30	19 W	KIOWA	11/16/2011	01/04/2012	01/30/2012	15-097-21711-01-00
01	32334	CHESAPEAKE OPERATING, INC.	EAGLE CANYON 29-29-19 1H	OIL	PW	29	29	19 W	KIOWA	12/05/2011			15-097-21711-01-00
01	34662	TUG HILL OPERATING, LLC	EINSEL 1-8H	OG	SP	8	27	20 W	KIOWA	05/16/2012	06/14/2012		15-097-21729-01-00
01	34662	TUG HILL OPERATING, LLC	EINSEL 1-7H	OG	PW	7	27	20 W	KIOWA	07/19/2012			15-097-21731-01-00
01	34662	TUG HILL OPERATING, LLC	EINSEL 2-8H	OG	PW	8	27	20 W	KIOWA	07/19/2012			15-097-21732-01-00
01	34662	TUG HILL OPERATING, LLC	EINSEL 1-9H	OG	PW	9	27	20 W	KIOWA	07/19/2012			15-097-21733-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	JASPER 12H 2	OIL	SP	12	20	29 W	LANE	06/11/2012	06/27/2012		15-101-22381-01-00
02	34358	ORCA OPERATING COMPANY LLC	ALFRED 1-36H	OIL	PR	36	19	1 W	MCPHERSON	09/20/2010		01/03/2011	15-113-21343-01-00
02	34489	HUSKY VENTURES, INC.	HOFFMAN 1-25	OIL	SP	25	17	4 W	MCPHERSON	10/19/2011	11/23/2011		15-113-21349-01-00
02	5399	TREK AEC, LLC	SLOCOMBE-ROOD 1-19	OIL	PR	19	21	3 E	MARION	12/28/2010	01/06/2011	03/24/2011	15-115-21419-01-00
03	34027	CEP MID-CONTINENT LLC	WHEELER HADDEN 8-1	GAS	DR	8	34	15 E	MONTGOMERY	07/15/2010		09/07/2010	15-125-30070-01-00
03	34027	CEP MID-CONTINENT LLC	WHEELER HADDEN 8-2	GAS	DR	8	34	15 E	MONTGOMERY	07/15/2010		09/13/2010	15-125-30074-01-00
03	34027	CEP MID-CONTINENT LLC	KNISLEY 6-8X	CM	PR	6	33	17 E	MONTGOMERY	08/18/2010		09/15/2010	15-125-31947-01-00
03	34027	CEP MID-CONTINENT LLC	KNISLEY 6-8X	GAS	SP	6	33	17 E	MONTGOMERY	08/18/2010	08/21/2010		15-125-31947-02-00
01	31409	M M ENERGY, INC.	DODRILL 1-H	OG	PR	34	16	25 W	NESS	09/03/2010	11/16/2010	12/17/2010	15-135-25163-01-00
01	31409	M M ENERGY, INC.	SUTTON 1-H	OIL	TX	11	19	25 W	NESS	09/20/2010	10/22/2010	12/13/2010	15-135-25174-01-00

DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
01	34681	ENCANA OIL & GAS (USA) INC.	PABST FARM 3H 2	OIL	DR	3	18	21	NESS	05/17/2012	06/15/2012	08/23/2012	15-135-25396-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	CROSSWHITE 33H 2	OIL	PW	33	19	23	NESS	05/21/2012			15-135-25403-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	CASEY 5H 1	OIL	PW	32	17	21	NESS	06/05/2012			15-135-25414-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	CASEY 32H 2	OIL	PW	32	17	21	NESS	06/06/2012			15-135-25417-01-00
01	34662	TUG HILL OPERATING, LLC	NICHEPOR 1-32H	OG	SP	32	17	23	NESS	06/06/2012	07/03/2012		15-135-25418-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SUTTON 1-9H	OIL	IN	9	18	25	NESS	06/12/2012	06/14/2012	07/12/2012	15-135-25423-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	J & A ASSOCIATES 11H 1	OIL	SP	11	18	21	NESS	06/26/2012	07/30/2012		15-135-25431-01-00
01	34192	SANDRIDGE EXPLORATION AND PRODUCTION	SUTTON 1825 1-3H	OIL	SP	3	18	25	NESS	07/09/2012	07/11/2012		15-135-25436-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	KERR 1H 2	OIL	SP	1	20	25	NESS	08/07/2012	08/17/2012		15-135-25449-01-00
01	34681	ENCANA OIL & GAS (USA) INC.	KERR 12H 1	OIL	SP	1	20	25	NESS	08/07/2012	08/17/2012		15-135-25450-01-00
02	33596	UNIT PETROLEUM COMPANY	OVERALL 1-21H	OIL	SP	21	25	10	RENO	01/23/2012	02/28/2012		15-155-21585-01-00
02	34715	DORADO E&P PARTNERS, LLC	TOEWS 25-9-4-1H	GAS	SP	4	25	9	RENO	07/18/2012	09/19/2012		15-155-21592-01-00
02	34715	DORADO E&P PARTNERS, LLC	DEALY 24-9-31-1H	GAS	PW	31	24	9	RENO	07/18/2012			15-155-21593-01-00
02	34715	DORADO E&P PARTNERS, LLC	HOLDERMAN 24-10-24-1H	GAS	PW	24	24	10	RENO	07/18/2012			15-155-21594-01-00
02	34715	DORADO E&P PARTNERS, LLC	PREISSER 25-9-6-1H	GAS	SP	6	25	9	RENO	07/26/2012	08/22/2012		15-155-21595-01-00
02	33596	UNIT PETROLEUM COMPANY	HAPPY HOLLOW 18 #1H	OG	SP	18	24	9	RENO	08/29/2012	09/17/2012		15-155-21599-01-00
02	33596	UNIT PETROLEUM COMPANY	SHULTZ TRUST 15 #1H	OG	SP	15	25	9	RENO	09/04/2012	10/17/2012		15-155-21600-01-00
02	33596	UNIT PETROLEUM COMPANY	DEBES 29 #1H	OG	SP	29	25	10	RENO	09/14/2012	11/06/2012		15-155-21602-01-00
02	34574	SHELL GULF OF MEXICO INC.	PRESSER 2509 8-1H	OIL	PW	8	25	9	RENO	09/25/2012			15-155-21604-01-00
02	34574	SHELL GULF OF MEXICO INC.	NUNEMAKER 2509 32-1H	OIL	PW	32	25	9	RENO	09/25/2012			15-155-21606-01-00
02	33596	UNIT PETROLEUM COMPANY	M&M FARMS 20 #1H	OG	PW	20	24	9	RENO	10/04/2012			15-155-21608-01-00
02	34574	SHELL GULF OF MEXICO INC.	KNOCHE TRUST 2408 31-1H	OIL	PW	31	24	8	RENO	10/31/2012			15-155-21611-01-00
02	34574	SHELL GULF OF MEXICO INC.	YOUNG TRUST 2309 35-1H	OIL	PW	35	23	9	RENO	10/31/2012			15-155-21613-01-00
02	3532	CMX, INC.	SOCRATES 1-H	OIL	SP	10	21	7	RICE	11/01/2011	12/30/2011		15-155-22867-01-00
02	34574	SHELL GULF OF MEXICO INC.	MIZELL 2107 30-1H	OIL	PW	30	21	7	RICE	09/25/2012			15-155-22704-01-00
02	34574	SHELL GULF OF MEXICO INC.	MEANS 2802 17-1H	OIL	PW	17	28	2	SEDGWICK	08/01/2012			15-173-21013-01-00

Tuesday, November 06, 2012

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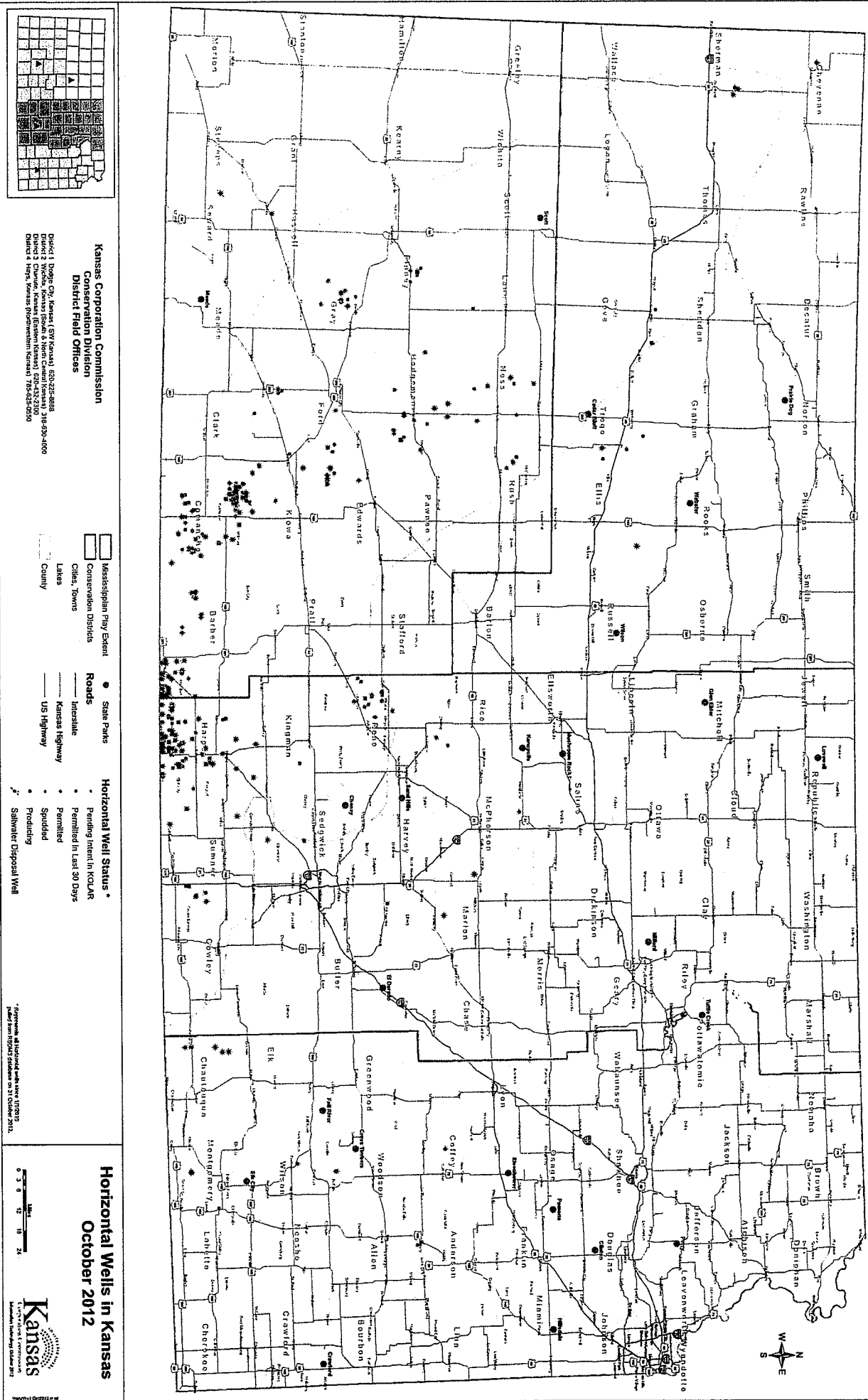
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DISTRICT	LIC #	OPERATOR	WELL NAME	WELL TYPE	WELL STATUS	SEC	TWP	RNG	COUNTY	APPROVED DATE	DISTRICT SPUD DATE	COMPLETION DATE	API
01	5447	OXY USA INC.	HITCH A 6	DH	PA	30	32	34	W	SEWARD	09/21/2012	09/17/2012	15-175-22201-01-00
04	34269	APACHE CORPORATION	ZERR 31-41-1H	OIL	SP	31	10	28	W	SHERIDAN	06/08/2012	08/17/2012	15-179-21307-01-00
04	33919	ROSEWOOD RESOURCES, INC.	DAVIS 32-07H	GAS	PR	7	7	39	W	SHERMAN	02/01/2011	11/09/2011	15-181-20579-01-00
04	33919	ROSEWOOD RESOURCES, INC.	STASSER 41-16D	GAS	PR	16	7	39	W	SHERMAN	02/01/2011	11/09/2011	15-181-20580-01-00
04	33919	ROSEWOOD RESOURCES, INC.	FOUST-HRIG 43-18H	GAS	PR	18	7	39	W	SHERMAN	10/31/2011	11/10/2011	15-181-20589-01-00
02	32606	DEVON ENERGY PRODUCTION COMPANY, L.P.	WILLEY 1-5	OIL	PR	5	35	3	W	SUMNER	05/16/2011	05/31/2011	15-191-22603-01-00
02	32334	CHESAPEAKE OPERATING, INC.	SCHMIDT 3-34-4 1H	OIL	PR	3	34	4	W	SUMNER	08/09/2011	08/22/2011	15-191-22631-01-00
02	34633	SOURCE ENERGY MIDCON LLC	HOMER 7-11-7-14 H	OIL	PR	7	33	2	E	SUMNER	01/10/2012	03/06/2012	15-191-22640-01-00
02	34633	SOURCE ENERGY MIDCON LLC	K KNOX 4-41 DU	OIL	PW	4	34	1	E	SUMNER	04/25/2012		15-191-22648-01-00
02	34633	SOURCE ENERGY MIDCON LLC	SOURCE 14-44-14-41H	OIL	PW	14	33	1	E	SUMNER	05/23/2012		15-191-22654-01-00
02	34574	SHELL GULF OF MEXICO INC.	HEIMERMANN FARMS 3104 25	OIL	DR	25	31	4	W	SUMNER	06/05/2012	07/04/2012	15-191-22656-01-00
02	34633	SOURCE ENERGY MIDCON LLC	LOVELACE 26-11-26-14H	OIL	PW	26	33	1	E	SUMNER	06/12/2012		15-191-22657-01-00
02	34633	SOURCE ENERGY MIDCON LLC	MCCORMICK 36-34-36-31H	OIL	PW	36	33	1	E	SUMNER	06/13/2012		15-191-22658-01-00
02	34574	SHELL GULF OF MEXICO INC.	PAULY 3002 6-1H	OIL	DR	6	30	2	W	SUMNER	07/03/2012	07/12/2012	15-191-22660-01-00
04	33721	MID-CON ENERGY OPERATING, INC.	SAUER 3-21H	OIL	SP	21	13	21	W	TREGO	04/23/2012	06/16/2012	15-195-22780-01-00
04	34702	THE GHK COMPANY, LLC	WINDHOLZ 1-24H	OIL	IN	24	13	22	W	TREGO	05/08/2012	05/16/2012	15-195-22787-01-00
04	9810	MCELVAIN ENERGY, INC.	UHRICH 20 #1H	OIL	SP	20	11	22	W	TREGO	07/19/2012	08/06/2012	15-195-22797-01-00
04	33721	MID-CON ENERGY OPERATING, INC.	HOLLAND 1-12H	OIL	SP	12	12	22	W	TREGO	09/04/2012	09/12/2012	15-195-22811-01-00
03	33344	QUEST CHEROKEE, LLC	EBY 1H	OIL	PR	4	27	15	E	WILSON	06/09/2010	07/12/2010	15-205-27851-01-00
03	34697	WILSON COUNTY HOLDINGS LLC	TAYLOR 1H	OIL	AX	6	29	15	E	WILSON	07/27/2012	08/17/2012	15-205-28032-01-00
03	34697	WILSON COUNTY HOLDINGS LLC	PIERPOINT 1H	OIL	PW	1	29	14	E	WILSON	08/28/2012		15-205-28042-01-00

Summary of Wells By Status

Total Number of Drilled Wells (DR) 46
 Number of Inactive Wells (IN) 9
 Total Wells Plugged and Abandoned (PA) 2

Total Number Producing Wells (PR) 89
 Total Number of Intents (PW) 72
 Number of Wells SPUD (SP) 103



**Kansas Corporation Commission
Conservation Division
District Field Offices**

District 1 Dodge City, Kansas (SW Kansas) 620-225-8888
 District 2 Wichita, Kansas (Eastern Kansas) 316-439-4100
 District 3 Topeka, Kansas (Western Kansas) 785-242-2200
 District 4 Hays, Kansas (Southwestern Kansas) 785-242-4200

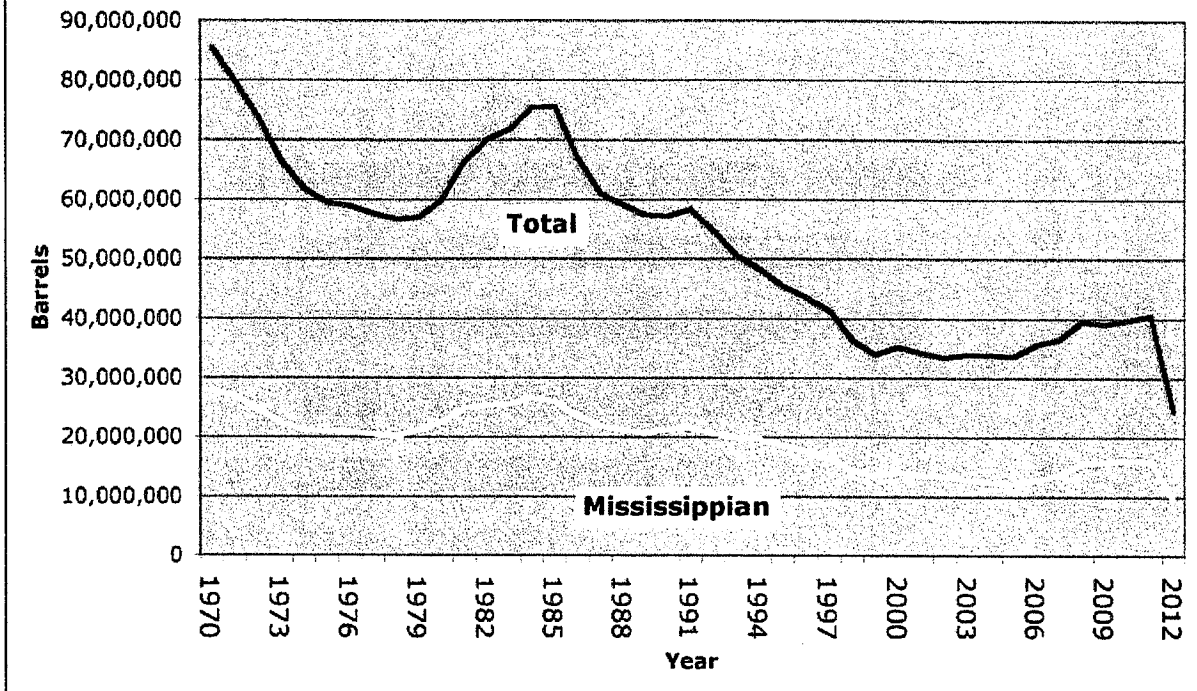
- Mississippi River Ecoregion
- Conservation Districts
- Cities, Towns
- Lakes
- County
- State Parks
- Roads
 - Interstate
 - Kansas Highway
 - US Highway
- Horizontal Well Status*
 - Pending Intent in KOLA/R
 - Pending in Last 90 Days
 - Permitted
 - Spudded
 - Producing
 - Saline/Disposal Well

* Represents all horizontal wells with 10/20/12 permit from HCD's database on 31 October 2012.

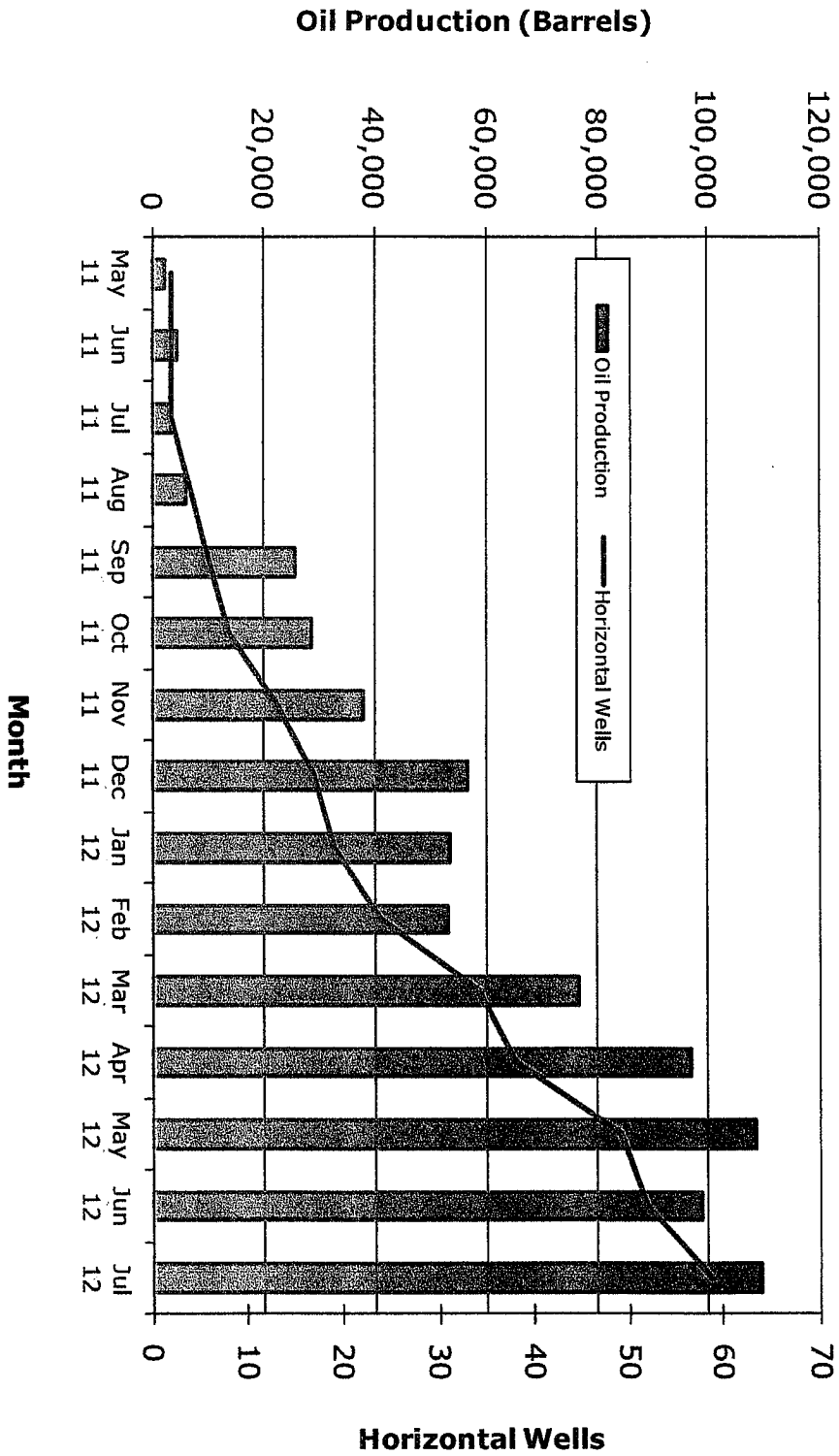
**Horizontal Wells in Kansas
October 2012**

0 2 4 8 16 24 Miles

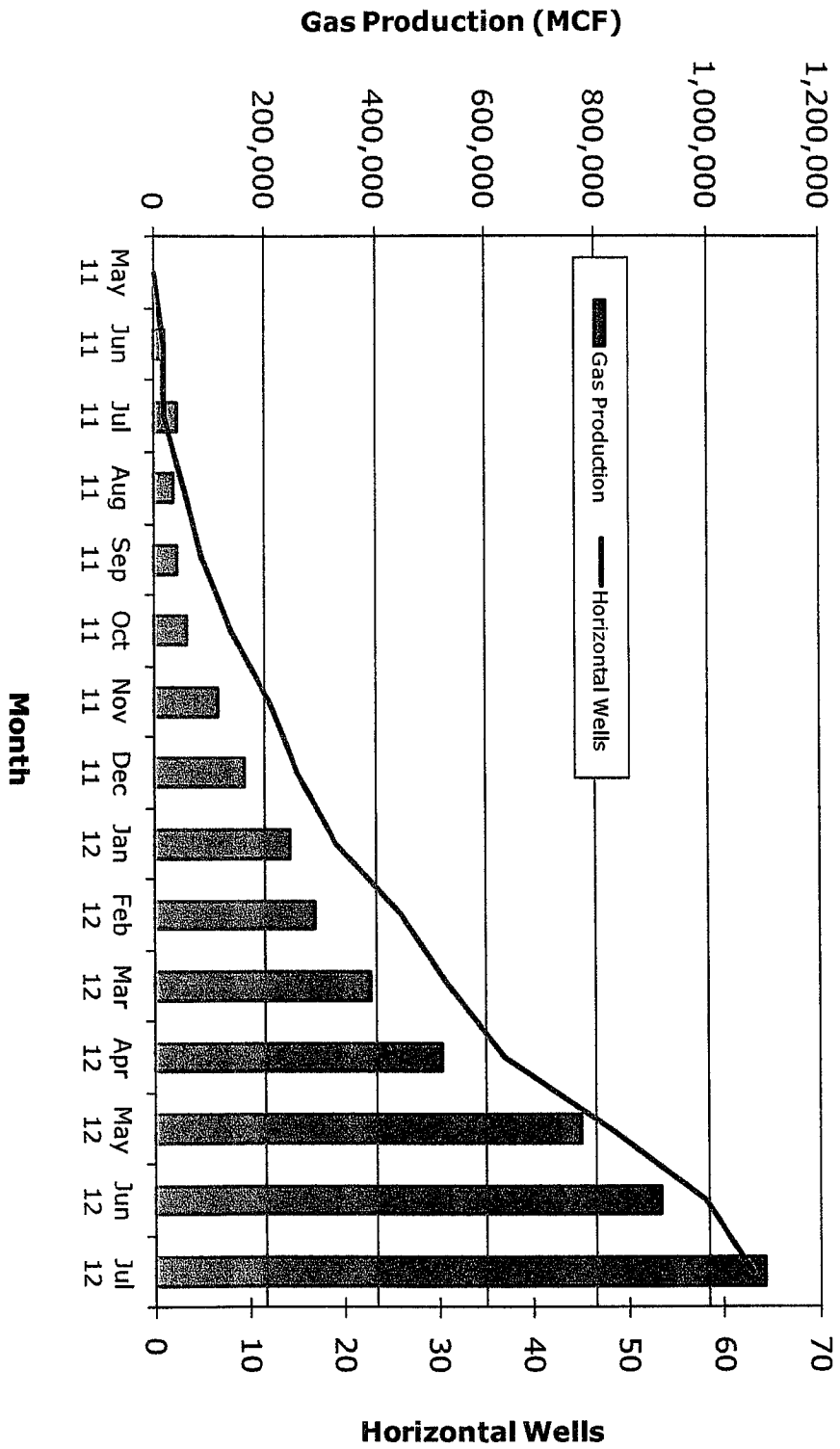
Total Oil Production vs. that from Mississippian Fields



Combined Graph of Oil Production (left axis) and Horizontal Wells (right axis) in Mississippi Lime Play (2011-2012)



Combined Graph of Gas Production (left axis) and Horizontal Wells (right axis) in Mississippi Lime Play (2011-2012)



Commission regulations allow well operators to establish the production unit for their well. There are three restrictions:

1. The production unit must be at least 10 acres.
2. The well must set back at least 330 feet from all boundaries of the production unit.
3. The well must be at least 660 feet from all other wells producing from the same formation.

Based on what we have seen so far, production units for horizontal Mississippi wells have ranged from 320 acres to 1280 acres. The configuration of the production units has not always been squares or rectangles; however the acreage in the production unit is always contiguous. The reason for irregular production units is because of the leased acreage position of the operator. The operator may not be able to use all of a section as his production unit because he doesn't hold leases on all the acreage in the section.

The Commission Staff had discussions with interested parties, when Mississippi horizontal development was first taking place and none of the parties saw a need for uniform production units or production unit spacing. This issue may come up again as development progresses.

Operators form production units in two ways:

1. If their leases provide for pooling, the operator simply declares the unit and notifies all lessors.
2. If a portion of a proposed production unit includes unleased acreage, leased acreage without a pooling provision or acreage leased by another operator, the unit may be able to be established using the Kansas Unitization Statutes K.S.A. 55-1301 to 55-1317.

If the committee wishes an explanation of how the Unitization Statutes work, I would be happy to provide it.



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Section 6

Section 5

Section 4

Renick Pooled Unit

Sanchez-Miller #1H
Surface Location

Section 7

Section 8

Section 9

Miller Unit
640 acres, m/l

Proposed
Gray County Unit 3

T26S-R29W

Sanchez-Miller #1H
Bottom-Hole Location



SANCHEZ
OIL & GAS CORPORATION

Miller Unit
640 acres, m/l
Sec 8, T26S-R29W

WKGCC Prospect
Gray County, Kansas