

19 New Fields Recognized in Kansas

The Kansas Geological Society's Nomenclature Committee, in association with the Kansas Corporation Commission (KCC) and the Kansas Geological Survey, recognized and named 19 new oil and gas fields in Kansas at a meeting held on January 16, 2003 in Wichita, Kansas. This brings the total number of *new fields* recognized in 2003 to 19, or 11 more new fields compared to the same period a year ago, a gain of nearly 138 percent.

There were 3 new "*infield wildcat*" discoveries recognized in established fields to bring the total number of new discoveries of *all types* this year in Kansas to 23. This is 15 more discoveries compared to a year ago for a gain of nearly 188 percent.

The Committee also extended the boundaries of 23 existing oil and gas fields and noted 8 new formation pay zone discoveries in various established fields. One previously abandoned field in Ness County was revived and brought back into production.

NEW OIL & GAS FIELDS

County	Field Name	Operator	Lease	S-T-R	Type	Pay Zn
Barber	Knorp SW	Shell Gulf of Mexico	4-1H Schupach 3510	4-35s-10W	Oil	Miss
Chautauqua	Kempton East	Nemaha Oil & Gas LLC	1-A (21-32-9) Stelbar	21-32s-9E	Oil	Miss
Cheyenne	Jones Canyon	Murfin Drilling Co	1-5 Shones Unit	5-1s-37W	Oil	LKC, Marm
Comanche	Kiowa Bow SW	Tug Hill Operating LLC	1-28H Edmonston	28-31s-20W	Oil	Miss
Decatur	Swede Hollow West	Murfin Drilling Co	1-34 Sauvage	34-4s-30W	Gas	LKC
Edwards	Martin East	Strata Exploration	1-36 Miller Trust	6-26s-20W	Oil/Gas	LKC
Ford	Martin West	SandRidge Expl & Prod LLC	2-2H Jochems 2721	2-27s-21W	Oil	Miss
Ford	Minneola East	Vincent Oil Corp	1-29 Lokken	29-29s-24W	Oil	Mrw, Miss
Lane	J-Mur SE	Encana Oil & Gas (USA)	2-12H Jasper	12-20s-29W	Oil	Miss
Logan	Lone Butte SW	New Gulf Operating LLC	1-31 Byron	31-14s-34W	Oil	Marm
Logan	Butte Creek	Lario Oil & Gas Co	1-8 Rose Been Unit	8-15s-32W	Oil	Cher
Logan	Touchstone West	Stelbar Oil Corp	1-17 Wray	17-15s-33W	Oil	LKC, Mrw
Osborne	Twin Creek	Dreiling Oil	1-1 Thompson Trust	1-9s-12W	Oil	LKC
Phillips	Emmanuel NW	Pioneer Resources	2 Miller	3-3s-19W	Oil	LKC
Rawlins	Beeson NW	Murfin Drilling Co	1-11 Sramek B	11-3s-36W	Oil	Marm
Scott	Scott Lake	Murfin Drilling Co	1-18 Welch	18-16s-32W	Oil	Atoka
Sumner	Hospital West	Shell Gulf of Mexico	6-1H Pauly 3002	6-30s-2W	Oil	Miss
Wichita	Marienthal	Lario Oil & Gas Co	1-20 Graff Christensen Unit	20-18s-35W	Oil	Marm
Wichita	Sampson	Lario Oil & Gas Co	1-10 Sampson	10-19s-35W	Oil	LKC, Marm

NEW INFIELD WILDCAT DISCOVERIES

Comanche	Shimer South	SandRidge Expl & Prod LLC	1-26H Warren 3317	26-33s-17W	Oil	Miss
Gray	Monger	SandRidge Expl & Prod LLC	1-30H Lawyer 2629	30-26s-29W	Oil	Miss
Kiowa	Martin East	Strata Exploration	1-6 Rose	6-27s-19W	Oil	LKC

New Oil Discoveries Reported

SDOCO LLC, Littleton (CO), has established a new unnamed oil field in Wichita County. The 7-19 Rees Ranch, (API 15-203-20191), located in the E/2 W/2 NE of section 19- T19s- R35W, is producing an undisclosed amount of oil from an unknown zone. The well had initially targeted the Mississippian formation as the main zone of interest, however, the Lansing-Kansas City, Marmaton and Cherokee (Johnson Zone) zones are also of interest in the immediate area. Operator stopped drilling at a total depth of 5260 ft. No details have been released.

The Rees Ranch oil discovery lies nearly five miles from the closest recognized oil production in the county. SDOCO LLC has already drilled one offset well and has staked a third well in the quarter-section. Lario Oil & Gas Company, Wichita (KS), has drilled one offset and staked a second well about one-quarter mile to the north of the discovery well in section 18. The new unnamed oil field is located about six and one-half miles south of the Marienthal, Kansas.

Apache Corporation, Houston (TX), has successfully completed their first horizontal well in the State with the completion of the 31-41-1H Zerr (API 15-179-21307), spotted 160 ft FNL & 2655 ft FEL of section 31- T10s- R28W, in Sheridan County, northwest Kansas. The wildcat well found new Mississippian limestone reserves nearly one and one-quarter miles south of oil production in the RJS South field (Lansing-Kansas City oil), and same distance northwest of oil production in the Grainfield pool (also LKC oil) in Gove County. Closest known Mississippian production lies over twelve miles away from discovery site. The well was drilled to a true measured depth of 8367 ft with the lateral running in a southerly direction to around 330 ft FSL & 2738 ft FEL in the same section. Details are confidential. Field area lies about two miles north of Grainfield, Kansas.

Redland Resources, Inc., Oklahoma City (OK), has discovered Mississippian oil deposits with the completion of the 35-4 Gleason API 15-083-21799), located in the SE NW NW of section 35- T23s- R25W, Hodgeman County. The wildcat well found new oil reserves at site located nearly one and one-quarter miles west of the Gray Hawk Northwest field. Redland established the field in mid 2011 when the 25-1 Andrew (API 15-083-21709) was completed for 120 barrels of oil per day from Mississippian depth of 4752 to 4756 ft. No completion details have been released on the new Gleason pool discovery. Duke Drilling tools bottomed the well at a total depth of 4950 ft. Field area lies about four miles south and seven miles west of Jetmore, Kansas.

Hartman Oil Company, Inc., Wichita (KS), is producing an unknown amount of crude oil from the Marmaton formation at the 1-22 Wilkinson (API 15-171-20913), located in approximately SE SW SW in section 22- T17s- R34W, in Scott County. H2 Drilling tools drilled the well to a total depth of 4950 ft at site located over one and one-quarter miles northeast of Marmaton pay in the Isbel Northwest field, or about four and one-half miles north of the town of Modoc, Kansas. Completion details remain confidential.

Hertel Oil Company, Inc., Hays (KS), reports the discovery of Lansing-Kansas City oil deposits at their 1 Larry (API 15-051-26400) in the NE SE NE of section 15- T15s- R19W, Ellis County. Operator stepped-out over one and one-quarter miles northwest of production in the multipay Martina oil field to find the new reserves. Discovery Drilling's Rig 4 drilled the well to a total depth of 3700 ft. The new unnamed field is situated about two and one-half miles north and four miles west of Schoenchen, Kansas.

SandRidge Exploration and Production LLC, Oklahoma City (OK), has established another Mississippian oil field in southeastern Harper County with the completion of the 1-7H Turner 3406 which was drilled over one and one-quarter miles from closest producing wells in the area. Well site is located 250 ft FSL & 660 ft FEL of section 7- T34s- R6W, about three and one-half miles southeast of Harper, Kansas. Lariat Services Rig 39 drilled the horizontal lateral in a northerly direction to a measured depth (MD) of 11,534 ft. Bottom hole location was 2265 ft FSL & 668 ft FEL in section 6. 'Toe' of the lateral was called at a true vertical depth of 4580 ft. The wildcat well is producing an undisclosed amount of crude from liner perforations made extending from 5316 to 11,002 ft (MD). Completion details are confidential. The new field has not been named.

Elsewhere in Finney County, SandRidge has stepped-out over one mile to the east of the multipay oil and gas production in the Stewart field to locate new Mississippian oil reserves. Discovery was made at the 1-9H Lorimer 2330, located 200 ft FNL & 400 ft FWL in section 9- T23s- R30W. Lateral was drilled in a southerly direction ending 337 ft FSL & 567 ft FWL in section 9. Measured depth of the lateral was 9242 ft with 'toe' being called at 4828.27 ft in vertical depth. The liner was perforated from a measured depth between 5111 to 8889 ft. Details are confidential. The new unnamed field lies about six miles north and 12 miles east of Garden City, Kansas.

Lastly, SandRidge has established a new Mississippian oil field in eastern Harper County. The 1-27H Cooper 3305, located 250 ft FNL & 660 ft FEL in section 27- T33s- R5W, is producing an unknown amount of crude from perforated liner between 4930 to 8098 ft. Operator drilled the horizontal well to a measured depth of 8518 ft with lateral 'toe' called at 4491 ft vertical depth. The lateral ended 608 ft FSL & 663' FEL in the same section. Completion details are confidential. New unnamed field area lies over three miles east of the Stohrville Northeast oil and gas field, or five and one-half miles northeast of Bluff, Kansas.

Encana Oil & Gas (USA), Plano (TX), has completed their third horizontal well in Ness County, and their fourth horizontal well in Kansas, with the completion of the 2-1H Kerr, spotted 249 ft FSL & 1989 ft FEL in section 1- T20s- R25W. The well found new oil reserves one and one quarter miles northeast of the Guzzlers Gulch North (Marmaton, Cherokee, Mississippian) oil field. Precision Drilling tools drilled the horizontal lateral to a bottom hole location (BHL) in the north half of the section. Exact end was not reported, however, the proposed BHL location was 330 ft FNL & 2150 ft FEL. Top of the Mississippian formation was called at 4711 (-2339 kb) and true measured depth reached 8805 ft. Perforation depths were not released. Field area is located seven and one-half miles southeast of Laird, Kansas.