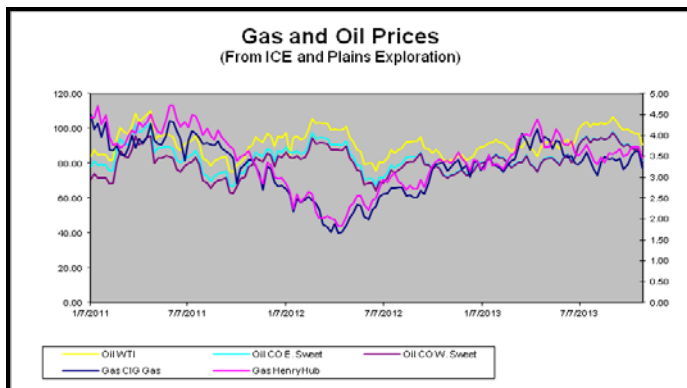
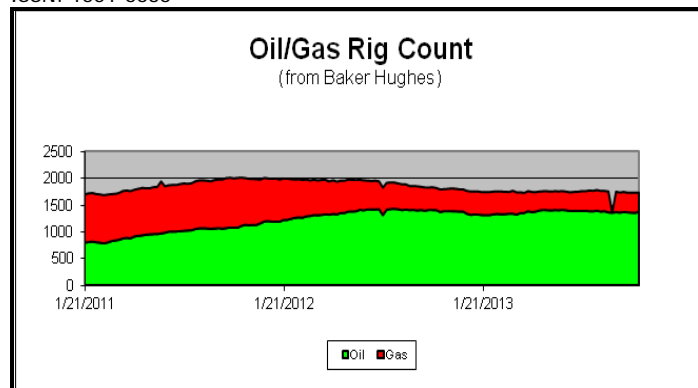


Denver Energy Update

Week of November 4 – November 15 2013

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RIGS																PRICES						
Oil/Gas		Direction			Rocky Mountains					TX	OK	Canada	Total US	Gas		Oil						
Oil	Gas	Misc	Directional	Horizontal	Vertical	CO	KS	ND	NM	MT	UT	WY					CIG/Henry	WTI	CO E	CO W		
11/1/13	1376	360	6	230	1104	408	70	25	163	74	14	28	55	821	176	394	1742	11/1/13	3.22/3.46	90.50	81.50	79.38
Week Ago	1357	376	5	249	1098	391	73	23	171	75	11	29	49	812	175	404	1738	Week Ago	3.51/3.72	98.00	89.35	88.88
Year Ago	1373	424	3	195	1105	500	56	32	174	81	22	34	51	840	192	383	1800	Year Ago	3.15/3.40	80.75	72.10	71.63

Basin Rig Count (Baker Hughes)													
Ardmore Woodford	Arkoma Woodford	Barnett	Cana Woodford	DJ-Niobrara	Eagle Ford	Fayetteville	Granite Wash	Haynesville	Marcellus	Mississippi	Permian	Utica	Williston
12/14/11	5/5/6	34/33/40	31/29/28	50/51/42	226/222/219	9/9/16	60/57/73	42/41/39	85/86/90	76/78/81	451/444/482	36/36/29	175/182/194

This Week/Last Week/Year Ago

LOCAL MEETINGS	
November 5, 2013	Dealmaker Prospect & Property Expo.
November 6, 2013	RMAG Monthly Luncheon, Jason Rush. "Using PSDM Seismic Volumetric Curvature Attributes in Paleokarst Reservoir Characterization Studies: Results from an Arbuckle Extended-Reach Lateral." Marriott City Center, Denver, CO. 11:30am 303-573-8621.
November 8, 2013	Wyoming Geological Association . TBA. 11:15. am. Contact 307-237-0027.
November 8, 2013	DIPS Luncheon. Estuardo Alvarez Calderon. "Petroleum Geology of Peru." Contact Robert Zilinski 303-885-0615.
November 9, 2013	RMAG Rockbuster's Ball at the Oxford Hotel, Denver, CO.
November 12, 2013	Denver Desk and Derrick , TBA. RSVP marketing@gmail.com
November 13, 2013	IPAA-TIPRO Luncheon . Jim Rollyson, Senior Vice President, Raymond Jones & Associates, Inc. Petroleum Club of Houston. 11:30 a.m. Contact Taryn Peine 832-233-5502.
November 14, 2013	DGS Luncheon . Tom Fleure, Global Geophysical Services Inc. "University Lands-A Permian Basin, High Fold Case Study." Wynkoop Brewery. Contact Ashley Tompkins 720-400-4567. Email to office@denvergeo.org
November 15, 2013	Wyoming Geological Association . TBA. 11:15. am. Contact 307-237-0027.
November 18, 2013	SPE Production Group . Robert D. Carree. "Economic Optimization of Horizontal Wells in Unconventional Reservoirs." Halliburton Conference Room. Contact Wendell Salas .
November 19, 2013	DGS Microseismic Study Group. TBD. WPX Energy Training Room
November 19, 2013	DWLS Luncheon. Mike Miller, Cimarex. "Challenges of Mineral Interpretation with Conventional Logs." Wynkoop Brewery, Denver, CO. 11:20 am, Online reservations only.
November 20, 2013	SPE General Meeting. H. Kazemi, Professor, Colorado School of Mines. "Pore Scale Physics of Hydrocarbon flow in Shale and Tight Sand Reservoirs." 11:30 am, Denver Athletic Club, 1325 Glenarm Place, 303-620-9080.
November 20, 2013	DAPL Luncheon . Courtney Loper & Simon Lomax, Energy In Depth. "Fracing: Ways to Combat the Naysayers with Talking Points." Embassy Suites, 1420 Stout St., Denver, CO.
November 22, 2013	Wyoming Geological Association . TBA. 11:15. am. Contact 307-237-0027.

NATIONAL EVENTS	
November 5-6, 2013	DGS Seismic Data Processing Short Course . Presented by Steve Hill. 8:30am-4:30pm. WPX Energy (Downtown Denver).
November 6-8, 2013	SPE Collision Avoidance and Well Interceptions-"Hits and Misses." Brown Palace Hotel and Spa, Denver, CO.
November 7, 2013	PTTC Workshop . "COZ-New Reservoir Simulation Software Designed to Aid Smaller Operators in Conducting More Rigorous Reservoir Studies." Instructor: Bill Savage, NITEC. Denver Athletic Club, Denver, CO.
November 13-15, 2013	Hart Energy DUG East. Pittsburgh, PA.
November 19-20, 2013	SPE Denver Section Continuing Education Short Course . "Analysis of Production Decline Curves" Instructor: S.W. Poston Texas A&M University Professor Emeritus. Brown Palace Hotel, 321 17 th Street, Denver Co. (303) 297-3111.
November 20, 2013	PTTC Workshop . "GeoGraphix Training: An Overview and Refresher Course." Instructor: Fred Poland, Littleton, CO. Colorado School of Mines, Golden CO.
December 10, 2013	PTTC Workshop . "Well Bore Integrity throughout its Life Cycle." Instructor: Talib Syed, PE. Colorado School of Mines, Golden CO.