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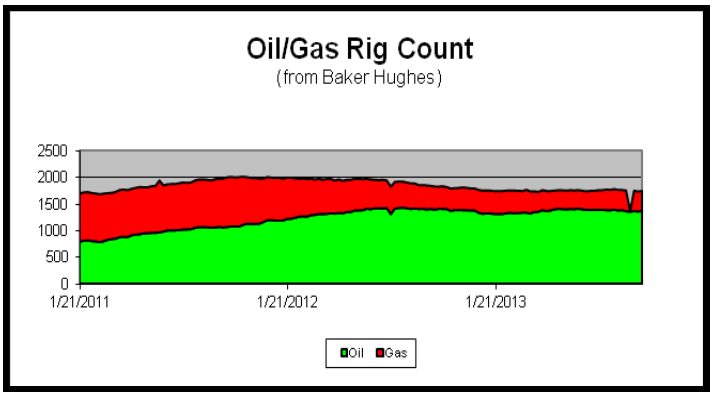
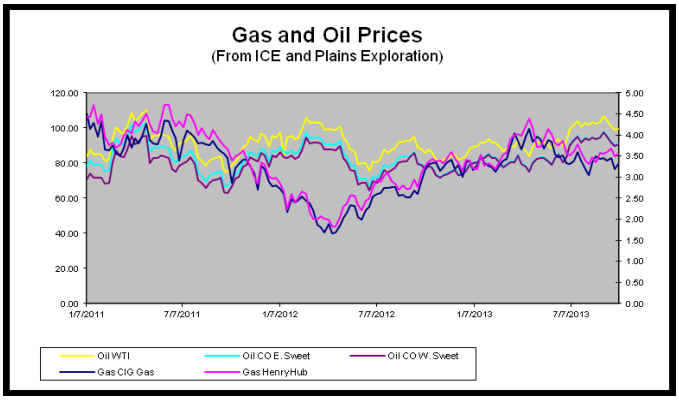
Denver Energy Update

Week of October 7-October 18, 2013
ISSN: 1551-6636





RIGS

	Oil/Gas			Direction			Rocky Mountains							TX	OK	Canada	Total US
	Oil	Gas	Misc	Directional	Horizontal	Vertical	CO	KS	ND	NM	MT	UT	WY				
10/4/2013	1372	378	6	241	1099	416	70	28	171	73	12	29	49	830	171	361	1758
Week Ago	1362	376	6	242	1085	417	70	29	171	74	12	29	49	825	166	390	1744
Year Ago	1398	437	2	194	1132	511	62	30	178	86	24	37	50	868	190	372	1837

PRICES

	Gas	Oil		
	CIG/Henry	WTI	CO E	CO W
10/4/2013	3.32/3.56	99.25	91.10	90.63
Week Ago	3.19/3.50	99.00	90.35	89.88
Year Ago	3.21/3.26	85.75	77.10	76.63

Basin Rig Count (Baker Hughes)

Ardmore Woodford	Arkoma Woodford	Barnett	Cana Woodford	DJ-Niobrara	Eagle Ford	Fayetteville	Granite Wash	Haynesville	Marcellus	Missis-sippian	Permian	Utica	Williston
14/14/10	4/3/6	33/32/40	29/28/30	48/48/43	227/229/231	9/9/14	65/63/70	49/38/37	86/85/90	79/78/85	453/454/500	36/36/25	183/183/202

This Week/Last Week/Year Ago

AAPG COGA CSM DAPL DGS DIPS DREGS GSA IADC **LOCAL MEETINGS** IPAMS PTTC RMAG RMMLF SEPM SPE SPEE SPWLA USGS

October 8, 2013 — WEA Energy Finance Discussion Group. W. Anderson Bishop, Hallador Energy. "Misguided War on Coal." 7:30-9:00 am. Denver Athletic Club Grand Ballroom. Contact Andy Logan 303-278-3378.

October 8, 2013 — SPE Environmental Group. Dough Hock, Encana Oil and Gas. "Hydraulic Fracturing: A Public Relations Perspective." M-1Swaco, 1675 Broadway, Suite 700. Contact Meagan Miller 303-893-2503.

October 8, 2013 — Denver Desk and Derrick, TBA. RSVP marketing@gmail.rmojl.com

October 9, 2013 — IPAA-TIPRO Luncheon. Rob Gardner, Manger, Economic & Energy Division, Corporate Strategic Planning Department, ExxonMobil Corporation. Petroleum Club of Houston. 11:30 a.m. Contact Taryn Peine 832-233-5502.

October 10, 2013 — DGS Luncheon. Don Lawton, University of Calgary. "Christ Church Earthquake. Wynkoop Brewery. Contact Ashley Tompkins 720-400-4567. Email to office@denvergeo.org

October 11, 2013 — DIPS Luncheon, Estuardo Alverez Calderon. "Petroleum Geology of Peru." Contact Robert Zilinski 303-885-0615.

October 11, 2013 — Wyoming Geological Association. TBA. Casper Petroleum Club, 11:15. am. Contact 307-237-0027.

October 15, 2013 — DWLS Luncheon, Ted Watson, Colorado State University. "NMR Probes of Heterogeneous Permeable Media." Wynkoop Brewery, Denver, CO. 11:20 am, Online reservations only.

October 15, 2013 — DGS Microseismic Study Group. TBD. WPX Energy Training Room.

October 16, 2013 — SPE General Meeting. C. Mark Pearson, Liberty Resources. LLC. "Hydraulic Fracturing of Horizontal Wells-Realizing the Paradigm Shift That Has Been 30 Years in Development." 11:30 am, Denver Athletic Club, 1325 Glenarm Place, 303-620-9080.

October 17, 2013 — SPE Production Group. Melanie Paterniti, Halliburton; Tony Loscacano, KPK. "Evaluation of Completion Techniques in the Codell and Niobrara Formations of the Wattenberg Field." Halliburton Conference Room. Contact Wendell Salas.

October 17, 2013 — COGA Zombie Crawl. Fall Quarterly Networking Event.

October 18, 2013 — Wyoming Geological Association. TBA. 11:15. am. Contact 307-237-0027.

October 25, 2013 — Wyoming Geological Association. TBA. 11:15. am. Contact 307-237-0027.

October 29, 2013 — RMS-SEPM Luncheon. Steve Lauback, Texas Bureau of Economic Geology. "Using Structural Diagenesis to Improve Natural Fracture Predictions in Shale and Other Rock Types. Wynkoop Brewing Company, 1634 18th Street, Denver, CO. Contact Peter Bucknam 720-459-2339. Online reservations luncheons@rmssepm.org

October 31, 2013 — SPE Reservoir Group. Todd Hoffman. Enhanced Recovery for Unconventional Oil Plays: How Might We Do It? Halliburton Conference room. Contact Deb Savimaski.

AAPG COGA CSM DAPL DGS DIPS DREGS GSA GTI IADC **NATIONAL EVENTS** IPAMS PTTC RMAG RMMLF SEPM SPE SPEE SPWLA USGS

October 15, 2013 — DAPL 40th Fall Institute. Ritz-Carlton, Denver, CO.

October 17-18, 2013 — 33rd Oil Shale Symposium Field Trip.

October 22, 2013 — RMAG Core Workshop

October 22, 2013 — DWLS Fall Workshop. "Geomechanics in Unconventional Reservoirs."Student Center, Colorado School of Mines, Golden, CO.

October 27-30, 2013 — SPWLA Fall Topical Conference. "Seismic Petrophysics-Unlocking the Value of Integration." Taos, New Mexico.

October 27-30, 2013 — GSA Annual Meeting, Denver, CO.