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Denver Energy Update

Week of September 9 – September 20, 2013
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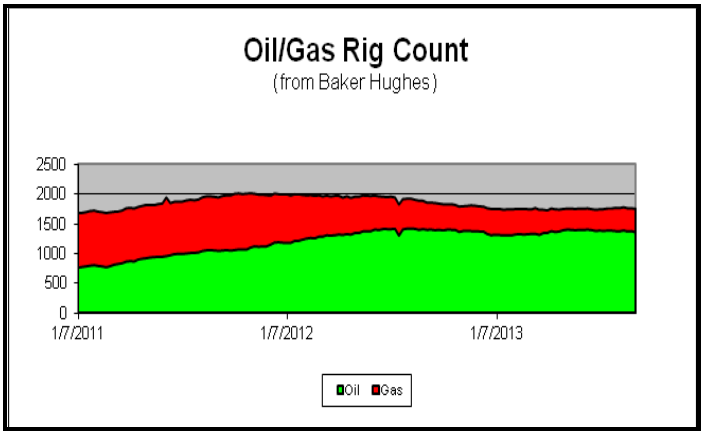

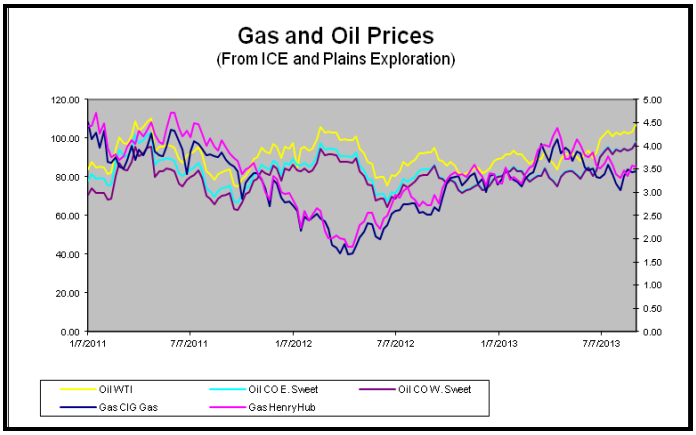

RIGS

	Oil/Gas			Direction			Rocky Mountains							TX	OK	Canada	Total US
	Oil	Gas	Misc	Directional	Horizontal	Vertical	CO	KS	ND	NM	MT	UT	WY				
9/06/2013	1365	394	8	250	1075	442	68	27	168	74	13	30	49	838	170	389	1767
Week Ago	1388	380	8	248	1078	450	66	26	169	76	12	29	49	846	170	399	1776
Year Ago	1409	452	3	214	1135	515	59	29	184	90	22	38	52	869	199	345	1864

PRICES

	Gas	Oil		
	CIG/Henry	WTI	CO E	CO W
9/06/2013	3.45/3.55	106.50	97.85	97.38
Week Ago	3.44/3.57	103.50	94.75	94.38
Year Ago	2.52/2.73	92.50	83.85	83.38

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
14/13/11	4/4/8	32/29/41	26/26/37	49/49/45	231/231/238	11/11/15	70/70/73	43/44/40	86/85/87	71/71/84	456/465/502	35/35/21	182/182/206

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

September 10, 2013 Denver Desk and Derrick, TBA. RSVP marketing@gmail.rmojl.com

September 11, 2013 IPAA-TIPRO Luncheon. Timothy J. Cutt, President of Petroleum & Potash, BHP Billiton, LTd. Petroleum Club of Houston. 11:30 a.m. Contact Taryn Peine 832-233-5502.

September 12, 2013 DGS Luncheon. TBA. Wynkoop Brewery. Contact Ashley Tompkins 720-400-4567. Email to office@denvergeo.org

September 13, 2013 Wyoming Geological Association. Bonnie Percy, Reservoir Engineer, Gene R. George & Associates. "Drainage Area Considerations for Vertical and Horizontal Wells." Casper Petroleum Club, 11:15. am. Contact 307-237-0027.

September 13, 2013 DIPS Luncheon. Jeff Aldrich, MHA Petroleum Consultants." Eastern Hemisphere Unconventional plays: The View in 2013: Hope, Hype and Hysteria." Contact Robert Zilinski 303-885-0615.

September 17, 2013 DWLS Luncheon, Tony Holmes, Digital Formation. "Example to Show the Importance of Using Upscaled Core Data When Comparing With Petrophysical Data." Wynkoop Brewery, Denver, CO. 11:20 am, Online reservations only.

September 17, 2013 DGS Microseismic Study Group. TBA. WPX Energy Training Room. Denver, CO.

September 18, 2013 Wyoming Geological Association. Shirley Dutton, AAPG Distinguished Lecturer. "Diagenetic Controls on Reservoir quality in Deep to Ultradeep Paleogene Wilcox Sandstones, Gulf of Mexico."Casper Petroleum Club, 11:15. am. Contact 307-237-0027.

September 18, 2013 SPE General Meeting. Kumar Ramurthy, Halliburton. "Surface Area vs Conductivity Type Fracture Treatments in Shale Reservoirs. SE 140169." 11:30 am, Denver Athletic Club, 1325 Glenarm Place, 303-620-9080.

September 18, 2013 DAPL Luncheon. TBA. Embassy Suites, 1420 Stout St., Denver, CO.

September 19, 2013 DAPL Networking Happy Hour

September 19, 2013 SPE Production Group. Mike Mullen, Stimulation Petrophysics Consulting, Milt Enderlin, Texas Christian University. "Fracability Index-More Than Just Calculating Rock Properties." Halliburton Conference Room. Contact Wendell Salas.

September 26, 2013 SIPES Luncheon. TBA. Wynkoop Brewery, Denver, CO. 11:30am-1:30pm.Contact 303-730-2967.

September 26, 2013 SPE Reservoir Group. Lon Steubinger, Performance Sciences, Inc. "Objective Analysis of Unconventional, Horizontal Wells. Halliburton Conference room. Contact Deb Savimaski.

September 27, 2013 Wyoming Geological Association. Joint SPE/GA Meeting: Luke Saban and Chuck Sawyer, Falcon Gas Storage Company. Casper Petroleum Club, 11:15. am. Contact 307-237-0027.

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

September 17-19, 2013 Hart Energy DUG Eagle Ford, San Antonio, TX.

September 22-27, 2013 SEG Convention. Houston, Texas.

September 24-25, 2013 Bakken Artificial Lift & Production Congress 2013. Denver, CO.

September 27, 2013 SPE Denver Section Continuing Education Short Course. "Enhanced Oil Recovery (EOR) Methods." Instructor: Todd Hoffman, Colorado School of Mines Professor. Brown Palace Hotel, 321 17th Street, Denver Co. (303) 297-3111.

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

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 17th Street, Denver Co. (303) 297-3111.