GOLSBY BROTHERS
OIL AND GAS COMPANY, INC.

1670 Broadway, Suite 3400
Denver, CO 80202
303-861-8181

Geological Wellsite
Services Provided by:

www.golsbybrothers.com

Scale 1:240 (5"=100')Imperial
Measured Depth Log

Well Name: **Respin 29C-4H2**
Location: **SW SE Sec. 29-T1N-R63W, Weld County, CO.**
License Number: **API: 05-123-35145**
Spud Date: **Spud: 10-Nov-2012** Drilling Completed: **12-Nov-2012**
Surface Coordinates: **S1173 E 2445 FSL**
Lat: 40.017778 Long: -104.487778
Bottom Hole Coordinates: **S1173 E 2445 FSL (PTD)**
Lat: 40.17417 Long: -104.487778
Ground Elevation (ft): **4911** Kelly Bushing Elevation (ft): **4934**
Logged Interval (ft): **From: 110'FR To: 11270'** Total Depth (ft): **11270'FR**
Type of Drilling Fluid: **Polymer Gel**
Respectfully Submitted,Jim Lobb Your Wellsight Systems 1-800-447-1534 www.Wellsight.com

OPERATOR

Company: **Kerr-McGee Oil & Gas Onshore LP**
Address: **Greeley Tower - 1099 18th St, Ste 1800**
Denver, CO 80202
Contact:Stephen Van Bemelen

GEOLOGIST

Name: **John Adams, Robert Stone**
Company: **Golsby Brothers & Assoc. (GBA), Inc. (www.golsbybrothers.com)**
Address: **1670 Broadway**
Suite 200
Lakewood,CO. 80228

0 logs

WMS OP-SHAF - 11310'

Casing

9 5/8" Surface Casing set @ 0fbsf
Cut & Pulled 4 1/2" Prod. Csg. @ 7400'
Set 4 1/2" Production Liner at 7 Mar. 2013.

Comments

1) Drilling Contractor: Atlantic Drilling, Rig # 23
2) Mud Logging Company: Geologs
3) Directional Drilling: Weatherford Drilling Services
4) Mud Type: Water Based Polymer Mud
5) Gas Equipment: Mudlogging Systems Inc.
6) Tech Service:
7) Radioactive Mat.: CS & Nacolit Agitator

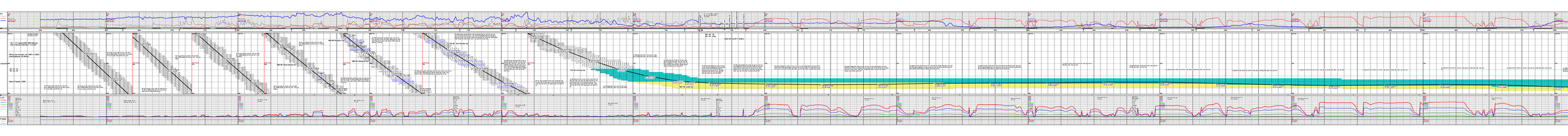
ROCK TYPES

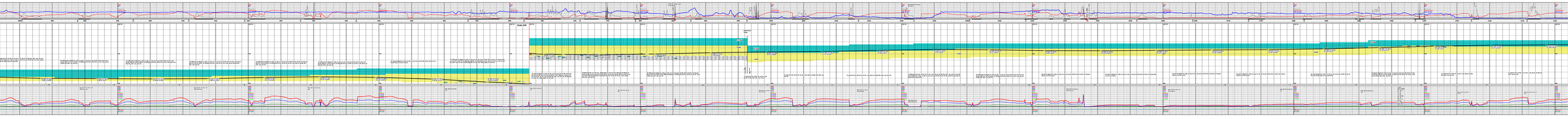
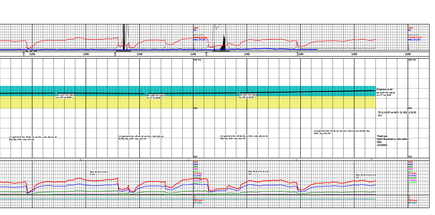
Anhy	Oil sat	Meta	Mica	Ss	Bkn
Arkosic Sand	Coral	Mud	Blue	Sltst	Brec
Bentonite	Dol	Mudst	Brown	Tuff	Calc
Chk	Dun	Marl	Green	Vol	Carb
Clst	Evap	Mrst	Orange	Wx	Chert
Coal	Gyp	Pelt	Red	Xln	Dkly Sh

ACCESSORIES

MINERAL	Mica	Sand	Foram	Vert	Ost
Anhy	Mnrl	Shale	Fos	Vesic	Pel
Arg	Pel	Sltst	Frag	Vug	Pyr
Bit	Pyr	Tuff	Frac	Wxy	Sand
Bn	Qtz	Vol	Gastro	Xln	Shale
Brecfrag	Sdy	Wx	Glau		Sltst
Calc	Sh	Xln	Grain	**EFFORT**	Tuff
Chert	Sltst		Grav	Cleaved	Vol
Clay	Tuff	**FOSSIL**	Hvy	Crumbly	Wx
Coal	Vol	Algae	Inc	Curly	Xln
Dol	Wx	Amm	Lam	Fine	
Feldspar	Xln	Bivalve	Lith	Friable	
Fer		Brach	Lrg	Hard	
Fos	**CORAL**	Bryozoa	Mbl	Loose	
Frag	Algae	Crin	Mic	Medium	
Glau	Colonial	Echin	Mod	Porous	
Gran	Cup	Foram	Nod	Rhombs	
Gyp	Frag	Fos	Nrm	Sandy	
Hem	Horn	Gastro	Pbl	Soft	
Kaol	Solitary	Inc	Pel	Stiff	
Lim	Stem	Lam	Pkd	Vesic	
Lst		Lrg	Plat		
Mbl	**OTHER SYMBOLS**	Mbl	Rdd		
Mic		Mod	Rdl		
Mod		Nod	Rhomb		
Nod		Nrm	Rnd		
Nrm		Pbl	Rough		
Pbl		Pkd	Sbrd		
Pkd		Plat	Sbrnd		
Plat		Rdd	Smooth		
Rdd		Rdl	Spkl		
Rdl		Rhomb	Stain		
Rhomb		Rnd	Strk		
Rnd		Rough	Tbl		
Rough		Sbrd	Tlc		
Sbrd		Sbrnd	Vitr		
Sbrnd		Smooth	Vug		
Smooth		Spkl	Vuggy		
Spkl		Stain	Wxy		
Stain		Strk	Xln		
Strk		Tbl			
Tbl		Tlc			
Tlc		Vitr			
Vitr		Vug			
Vug		Vuggy			
Vuggy		Wxy			
Wxy		Xln			
Xln					

IN. NATURE	**CHARACTY TYPE**	Pinpoint	Angular
Bed	Cavern	Pitted	
Contact	Fracture		**STRUCTURE**
Fault	Frac	**STATIONS**	Crumpled
Shear	Inc	Recorded	Massive
Vein	Lam	Sidewall	Pod
Hole Wash	Vug	Sidewall	


Slide Curves
Hook Load (klbf)
Block Position (ft)
Operation Report
Well Bore Cross Section
Off Bottom
Total Time (0.25)
Pump Stroke (spm)
Pump Pressure (psi)
Mud Weight In (ppg)
Mud Weight Out (ppg)
Mud Flow In (gpm)
Mud Flow Out (gpm)
Mud Density In (ppg)
Mud Density Out (ppg)
Mud Temp In (°F)
Mud Temp Out (°F)
Mud Viscosity In (sec/qt)
Mud Viscosity Out (sec/qt)
Mud Volume (bbl)
Mud Volume Change (bbl)
Mud Gas (%)
Mud Gas (units)
Mud Gas (ppm)
Mud Gas (ppb)
Mud Gas (ppm)
Mud Gas (ppb)
Mud Gas (ppm)
Mud Gas (ppb


Scale 1:500
Scale 1:100