

PHOENIX SURVEYS, INC.									
<div> <div> Company Great Western Oil & Gas LLC </div> <div> Well Binder 24-20 </div> <div> Field Wattenberg </div> <div> County Weld </div> <div> State/Province Colorado </div> </div>									
<div> <div> Location SHL 2464 FSL & 2828 FWL NESW bHL 735 FSL & 1689 FWL SE SW Sec. 20, Twp. 4N, Rge. 67W </div> <div> Other Services Density Emission </div> </div>									
Permanent Address		GL	KB	EW	4800	N. 4823 D. 4822 E. 4819			
Drilling Start Date From		Date							
Drilling Start Date From		Date							
Run Number		February 3, 2012							
Depth Other		7186							
Bottom Logistical Interval		7792							
Top Log Interval		Casing							
Casing Other		521							
Casing Logistical		71-66'							
Bit Size		7-7/8"							
Type Fluid In Hole		Chemical							
pH Fluid In Hole		7.0-7.25							
Source of Sample		3.4 @ 666'							
Run @ Depth Temp		3.2 @ 666'							
Run @ Depth Press		4.00 @ 666'							
Source of Data / Misc		Measure / Calc							
Run @ Depth		1.01 @ 211'							
Time Log on Bottom		1600							
Maximum Recorder Temperature		211 F							
Maximum Recorder Location		Benton, CO							
Recorded By		Gary Payne							
Reviewed By		Jay Payne							

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All interpretations are based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, or expenses incurred by or sustained by any persons resulting from any interpretation made by any of our clients, agents or employees. These interpretations are subject to our general terms and conditions set out in our current Price Schedule.

Comments

Annual volume calculated for 4-1/2" casing
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!!
API #: 05-123-32772-00

No repeat due to hole conditions.

Database File:

12584 db

Dataset Format:

final

Presentation Format:

dfl

Dataset Creation:

Sun Feb 05 19:17-41 2012

Charted by: Depth in Feet scaled 1:240			
30	Gamma Ray (GAPI)	130	0.2 Deep Resistivity (Ohm-m) 2000
40	SP (mV)	140	0.2 Medium Resistivity (Ohm-m) 2000

