Company	CONTINENTAL RESOURCES
Well	HAHN 1-4H
Field	WATTENBERG
County	WELD
State	COLO

PSI PHOENIX SURVEYS, INC.

CEMENT BOND, V.D.L. GAMMA-RAY & C.C.L.

Company CONTINENTAL RESOURCES
Well HAHN 1-4H
Field WATTENBERG
County WELD State COLO
Location: API # :
SEC 4 TWP 7N RGE 62W

Other Services

		Elevation	
Permanent Datum		Elevation	K.B. 14
Log Measured From	KB		D.F.
Drilling Measured From	KB		G.L.

Date	11-8-2011
Run Number	1
Depth Driller	NA
Depth Logger	6689
Bottom Logged Interval	6689
Top Log Interval	25
Open Hole Size	
Type Fluid	
Density / Viscosity	
Max. Recorded Temp.	199
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	24
Location	FT. MORGAN
Recorded By	NATHAN BIVENS
Witnessed By	JOHN MULLEN

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	7"			
Liner				

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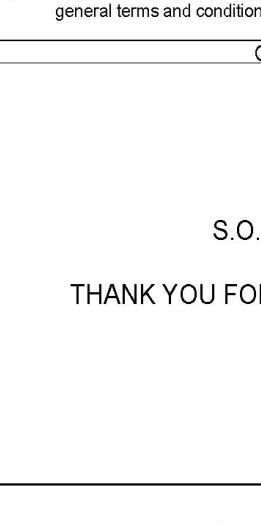
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Comments

S.O. # 2-202381

THANK YOU FOR USING PSI WIRELINE



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			SDSCHD Cable Head for Testing	1.00	1.44	1.00
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
WVF3	12.50		CBL-Probe (110215) 2.75 digital probe	8.75	2.75	93.00
WVF5	11.50					
			cent.-Probe (cent) probe cent.	2.88	2.75	25.00
CCL	4.13		CCL-Probe (081119) probe digital ccl	2.04	2.75	15.00
GR	0.90		GR-Probe275dig (110249) Probe Digital Gamma CCL	3.33	2.75	57.00

Dataset: hahn1-4h.db: field/well/run1/pass4
Total Length: 20.88 ft
Total Weight: 216.00 lb
O.D. 2.75 in

Database File: hahn1-4h.db
Dataset Pathname: pass4
Presentation Format: cbl_dr
Dataset Creation: Wed Nov 09 01:03:41 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	LTEN	0 Amplified Amplitude (mV) 30	200 Variable Density 1200
0 Gamma Ray (GAPI) 125	0 (lb)1000	0 Amplitude (mV) 100	

3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900
5000
5100
5200
5300
5400
5500
5600
5700
5800
5900
6000
6100
6200
6300
6400
6500
6600
Collar Locator
Gamma Ray
Line Tension
Amplified Amplitude
Amplitude
Variable Density
0 Collar Locator -1
0 Gamma Ray (GAPI) 125
0 LTEN (lb)1000
0 Amplified Amplitude (mV) 30
0 Amplitude (mV) 100
200 Variable Density 1200