Company	KERR-McGEE OIL AND GAS ONSHORE LP
Well	KIEFER GEORGE W UT B#2A
Field	WATTENBERG
County	WELD
State	CO

WARRIOR
ENERGY SERVICES

SONIC BOND LOG
GAMMA RAY
CCL

Company	KERR-McGEE OIL AND GAS ONSHORE LP
Well	KIEFER GEORGE W UT B#2A
Field	WATTENBERG
County	WELD
State	CO

Location: API # : 0512309160
SE SW

SEC 13 TWP 1N RGE 67

Other Services

Permanent Datum	GL	Elevation 4927	Elevation K.B. 4939 D.F. 4938 G.L. 4927
Log Measured From	KB 12'		
Drilling Measured From	KB		

Date	6-4-2013
Run Number	ONE
Depth Driller	8100'
Depth Logger	4594
Bottom Logged Interval	4594
Top Log Interval	SURFACE
Open Hole Size	4.5
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	146.9
Estimated Cement Top	3808'
Time Well Ready	
Time Logger on Bottom	
Equipment Number	7770
Location	GREELEY
Recorded By	A.ABBIATTI
Witnessed By	L.WEBB

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String		24#	0	
Prot. String				
Production String	4.5	11.6#	0	T.D.
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.

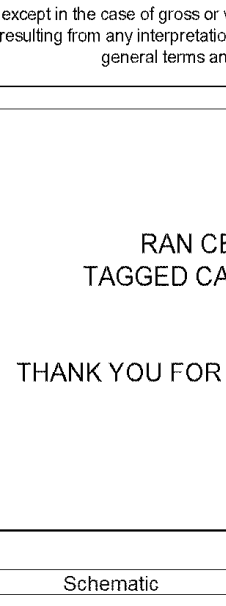
Comments

RAN CBL TO VERIFY CEMENT TOP
TAGGED CAST IRON BRIDGE PLUG AT 4594'

THANK YOU FOR USING WARRIOR ENERGY SERVICES

Sensor	Offset (ft)
HEADVOLT	16.25
IntTemp	14.83
WVF3FT	11.58
WVFCAL	11.58
WVFS1	11.58
WVFS2	11.58
WVFS3	11.58
WVFS4	11.58
WVFS5	11.58
WVFS6	11.58
WVFS7	11.58
WVFS8	11.58
WVF5FT	10.58
CCL	3.64
GR	0.90

Schematic



Description	Len (ft)	OD (in)	Wt (lb)
Probe	3.00	2.75	40.00
STD-Standard (STNDRD) Standard Cable Head	0.83	1.44	1.00
RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
Probe	3.00	2.75	40.00
GR-Probe (275) Probe 2.75"	4.33	2.75	30.00

Dataset: kiefer george w ut b2a.db: field/well/run1/pass3
Total Length: 20.08 ft
Total Weight: 201.00 lb
O.D. 2.75 in

Database File:	kiefer george w ut b2a.db
Dataset Pathname:	pass3
Presentation Format:	djbasin
Dataset Creation:	Tue Jun 04 12:59:32 2013 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240

WARRIOR
ENERGY SERVICES

Company	Kerr McGee Oil and Gas
Well	KIEFER GEORGE W UT B#2A
Field	WATTENBERG
County	WELD
State	CO