

erf-Tech

Dr

JAL RECEIVER ELEMENT BOND

Wireline Services												PERMITS LOG											
Company GRAY BOLDING CORPORATION												Company GRAY BOLDING CORPORATION											
Well GRIZZELL #27												Well GRIZZELL #27											
Field BLOOMER												Field BLOOMER											
County ELLSWORTH												County ELLSWORTH											
State KANSAS												State KANSAS											
Location:												Location: 1998 PUL & HIGLEY NW - SW - SE - NE											
SEC 31 TWP 17S RGE 10W												SEC 31 TWP 17S RGE 10W											
Permanent Datum Log Measured From												Permanent Datum Log Measured From											
KELLY BUSHING TO A.G.L.												KELLY BUSHING TO A.G.L.											
Drilling Measured From												Drilling Measured From											
KELLY BUSHING												KELLY BUSHING											
APRIL 14, 2014												APRIL 14, 2014											
Ran Number ONE												Ran Number ONE											
Casing Depth 3263												Casing Depth 3263											
Depth Logger 3263												Depth Logger 3263											
Top Log Interval 3261												Top Log Interval 3261											
Open Hole Size 1900												Open Hole Size 1900											
Density / Viscosity WATER												Density / Viscosity WATER											
Max Recorded Temp 102F												Max Recorded Temp 102F											
Estimated Cement Top 2020												Estimated Cement Top 2020											
Time Well Ready To Run P-106												Time Well Ready To Run P-106											
Time Well Backed Out HAYS												Time Well Backed Out HAYS											
Equipment Number BOSS KLAUS												Equipment Number BOSS KLAUS											
Location DALTON POPE												Location DALTON POPE											
Recorded By BRONKS RECORD												Recorded By BRONKS RECORD											
Witnessed By DALTON POPE												Witnessed By DALTON POPE											
Ran Number BIT FROM												Ran Number BIT FROM											
TWO 12.25 0.0												TWO 12.25 0.0											
7.875 .312												7.875 .312											
.3512												.3512											
Size												Size											
Weight												Weight											
Top												Top											
Bottom												Bottom											
Singles String 8.58 25#												Singles String 8.58 25#											
Production String 5 1/2 14#												Production String 5 1/2 14#											
Liner												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 interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, damages, or injury incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to the general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC.
785-628-3969

DIRECTIONS: CLAFLIN, KS.
3 EAST TO COUNTY LINE,
1/2 NORTH, EAST into

Warrant is obtained by any other means than a search of the public records. These multiple conditions also subject to our general terms and conditions set out in our current Price Schedule.	
Comments	
THANK YOU FOR USING PERF-TECH WIRELINE SERVICES, INC. 785-628-3969 DIRECTIONS: CLAFLIN, KS. 3 EAST to COUNTY LINE, 1/2 NORTH, EAST into	

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MAIN PASS

106a.db

14.08.27.11.2014 by Leg SCH 111116

0	3' AMPLITUDE (mV)	10
475	3' TRAVEL TIME (usec)	23
9	Collar Locator	

Perf-T
Wireline Serv

Database File:
Dataset Pathname:
Presentation Format:
Dataset Creation:

PASS

Charted by: _____		Depth in Feet scaled 1:240		Log Scale 1:11110	
0	Gamma Ray (GAPI)	150	0	3' AMPLITUDE (mV)	100 200 5' Variable Density 1100
			475	3' TRAVEL TIME (usec)	235
			9	Collar Locator	-1
					

