15-163-24,075-00-00

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Bond Cement
Bond Log

Company: Jackson Production Corporation
Well: Jackson "A" 1-11
Field: Wildcat
County: Rooks
State: Kansas

Sec. 11 Twp. 7S Rge. 20W
Location: 600' FSL & 1320' FWL

Elev.: K.B. 2000
D.F. 1998
G.L. 1995

Date: 11-15-2012
Run No.: ONE
Depth Driller: 3500
Depth Logger: 3500
Bottom Log Interval: 3500
Top Log Interval: 1500
Casing Driller: 8 5/8 @ 224
Casing Logger: 224
Bit Size: 7 7/8
Type Fluid in Hole: Gel Chem
Dens. / Visc.: 9.0 / 55
PH / Fluid Loss: 10.0 / 6.0
Source of Sample: Flowline
Rm @ Meas. Temp.: 0.75 @ 80
Rmf @ Meas. Temp.: 0.60 @ 80
Rmc @ Meas. Temp.: 0.90 @ 80
Source: Rmf / Rmc: Measured / Calculated
Rm @ BHT: 0.45 @ 110
Time Since Circulation: 12 hrs
Time Since Cement Job: 24 hrs
Max. Rec. Temp.: 110
Equipment Number: 11-13
Location: Hays, KS
Recorded By: J. Alvarado
Witnessed By: Mr. Dave Rohr

Bit	Size	From	To
1	7 7/8	224	3500

Casing	Size	Wt.	Grade	From	To
Surface	8 5/8	23	J-55	0	224
Production	5 1/2	15.5	J-55	0	3500

Stimulation	Type	Amount	Date
Perforations			
Perforations			

Tubing	Size	Wt.	Grade	From	To
Tubing	2 3/8	4.7	J-55	0	3500

Pump Unit	Size	Stroke	SPM
Pump Unit			

Rods	Size	Length
Rods		

Pump Data	Size	Type	Depth
Pump Data			

Remarks
Thank you for using Pioneer Energy Services
(785) 625-3858
Stockton KS
7 West to 12 Rd, 5 North, 3/4 West, South into.

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 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.

Customer Signature

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Stockton KS
7 West to 12 Rd, 5 North, 3/4 West, South into.

Port Collar @ 1526

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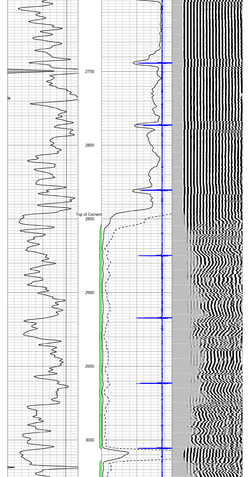
Database File: mccoy_jackson_jul-11.db
Dataset Pathname: grp/dataset3.5
Presentation Format: cbl8dj
Dataset Creation: Thu Dec 11 09:00:12 2012 by Calc SCH 111116
Charted by: Depth in Feet scaled 1:240



Main Pass

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Database File: mccoy_jackson_jul-11.db
Dataset Pathname: grp/dataset3.5
Presentation Format: cbl8dj
Dataset Creation: Thu Dec 11 09:00:12 2012 by Calc SCH 111116
Charted by: Depth in Feet scaled 1:240

Repeat Section

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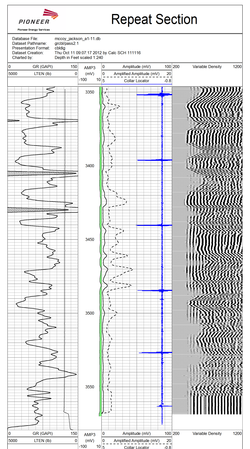
Database File: mccoy_jackson_jul-11.db
Dataset Pathname: grp/dataset3.7
Presentation Format: cbl8dj
Dataset Creation: Thu Dec 11 09:00:17 2012 by Calc SCH 111116
Charted by: Depth in Feet scaled 1:240