Perf-Tech Wireline Services, INC.

DUAL RECEIVER CEMENT BOND LOG

Company	ZINZER OIL COMPANY, INC.
Well	FRIESSUBMERSIBLE NO. 14
Field	KNAT-PRUGA
County	BARTON
State	KANSAS
Location	SEC. 3 TWP. 16 RGE. 14 W
	660 FNL 1980 FEL
	LAT: 38.69000 LONG: -98.81000
	DATUM: NAD27
	ELEV. KB 1907 GL 1897
	DF
	KB 10 ft

Log Measured From: KB 10 ft Above Perm. Datum

Drilling Measured From: KB

Permanent Datum	Elevation
GL	1897
KB	1907
DF	

Run No.	Date	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size
ONE	26-Mar-14	3350	3350	3350	2300	8 5/8 @ 2300		7 7/8

Equipment	Location
10 Arm Caliper	3
Dual Receiver CBL	3
Gamma Ray	3
Cement Bond Log	3

Operator on Location	Witnessed By
Brad Kramer	Jim Rebman

Recorded By	Equipment Serial No.
Jeff Bunnell	1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20

Remarks
Cement Top @ 2300
Logged Under 500 PSI
Tool Zero Checked
Tool Zero Checked
Tool Zero Checked