G01627

Schlumberger CEMENT BOND LOG VARIABLE DENSITY

COMPANY	LA CLEDE GAS Co.
WELL	JONES # 7 OIL WELL
FIELD	FLORISSANT
COUNTY	ST LOUIS
STATE	MO.
LOCATION	API Serial No.
Sec.	6
Twp.	47N
Rge.	7E
Other Services:	RTS

Permanent Datum: EL Elev.: NA
Log Measured From: EL 0 Ft. Above Perm. Datum
Drilling Measured From: EL
Elev.: K.B. D.F. G.L. NA

Date	10/20/82	Casing Fluid	WATER
Run No.	ONE	Fluid Level	121
Depth — Driller	—	Max. Rec. Temp.	— °F
Depth — Logger	1001	Est. Cement Top	654
Btm. Log Interval	991	Unit / District	5803 / MV
Top Log Interval	90	Recorded By	ZIMBELMAN
Open Hole Size	—	Witnessed By	LYONS, ELSIER

CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String						
Prod. String	5 1/2				SURF	1050
Liner						

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of cement				
Type of cement				
Additive				
Retarder				
Wt. of slurry				
Water loss				
Type fluid in csg.				
Fluid wt.				

RECEIVED
OCT 28 1982
MO. OIL & GAS COUNCIL

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

PRIMARY CEMENTING DATA	
☐ Actual ☐ Estimated	Hour - Date
Started pumping cement	
Release pressure	
Start Cement Bond Log	
Finish Cement Bond Log	

REMARKS:

Service Order Number	206704
Casing Collar Memory Distance ft.	
Radiation Log Memory Distance ft.	

Preceding fluid________ Volume________ bbls.
Cement pumped________ bbls./minute

Pipe reciprocated during Pumping: Yes____ No____
Pipe reciprocated after plug down: Yes____ min, No____

SQUEEZE JOB DETAIL	1	2
Squeeze number	1	2
Date		
Depth interval		
Type cement		
Volume of cement		
Additive		
Retarder		
Weight of slurry		
Preceding fluid		
Breakdown pressure		
Max. pressure-stage 1		
" " " 2		
" " " 3		
Final maximum pressure		
Started pumping cement		
Released pressure		
Start CBL		
Finish CBL		
AVERAGE WELL DRIFT: from to : from to		

DOWNHOLE EQUIPMENT

CCL
SGT / NLT / CNT
CCL / CME
SLC 655
CME
CME
SLS 1186
CME
O.D. 3 5/8"

SURFACE EQUIPMENT	TYPE	MOD.	S.N.
Sonic Panel	JH		297
Memorizer			
GNP			
CRP	BB		93
OWE			
CRP Intensity			
R9G Intensity			
Logging Speed			
Time Constant			
Sweep Time µ-sec			
Amplitude mv/cm			

Casing Centralizer Pattern
/Joint from to
/Joint from to
/Joint from to

Casing Scratcher Pattern
/Joint from to
/Joint from to
/Joint from to

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 interpretations, and we shall not, except in the case of gross or wilful 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 as set out in our current Price Schedule.

TRANSIT TIME	DEPTH	CASING BOND	VARIABLE DENSITY
MICROSECONDS 3' SPACING 400 — 200		MILLIVOLTS 0 — 50	MICROSECONDS 5' SPACING 200 — 1200

CEMENT BOND CALIBRATION CODING

	TRANSIT TIME	AMPLITUDE
1.	MECHANICAL ZERO	MECHANICAL ZERO
2.	200 µ sec	ELECTRICAL ZERO
3.	320 µ sec	CALIBRATE 50 MV (SLP-J SERIES)
4.	400 µ sec	CALIBRATE 50 MV