2186D

CORNISH

WIRELINE SERVICES, INC.
P.O. DRAWER H
CHANUTE, KANSAS
PHONE 431-9306

CEMENT BOND — VARIABLE DENSITY

FILING NO.	
COMPANY	ANCHOR ENERGY CORPORATION
WELL	FRITTS OTTLEY NO. 1
FIELD	
COUNTY	VERNON
STATE	MISSOURI
LOCATION	
Sec.	31
Twp.	37N
Rge.	32N
OTHER SERVICES:	1-24-86: IES/CDL AND GR/N; 1-27-86: MSG
Permanent Datum:	GROUND LEVEL
Elev.	
Log Measured from	G.L.
Ft. Above Perm. Datum	
Drilling Measured From	G.L.
Elev.: K.B. / D.F. / G.L.	

Date	1-27-86	Type Fluid in Hole	WATER/100'
Run No.	2 NW	Dens. / Visc.	
Depth—Driller		Max. Rec. Temp.	
Depth—Logger	857.8'	Est. Cement Top	
Btm. Log Interval	852.0'	Equip. / Location	105 / C., KS
Top Log Interval	100.0'	Recorded By	GORILEY, R.
Open Hole Size		Witnessed By	MELTON, D.

CASING REC.	Size	Wt/Ft	Grade	Type Joint	Top	Bottom
Surface String						
Prot. String						
Prod. String						
Liner	7"				0	860'

PRIMARY CEMENTING DATA

STRING	Surface	Protection	Production	Liner
Vol. of cement				
Type of cement				
Additive				
Additive by %				
Retarder				
Retarder by %				
Wt. of slurry				
Water loss				
Drill. mud type				
Drilling mud wt.				

FOLD HERE

NSCO-18054

COMPRESSIVE STRENGTH (p.s.i. Curing Temp.)								
Time Elapsed	Surface		Protective		Production		Liner	
24 hrs.		°F		°F		°F		°F
48 hrs.		°F		°F		°F		°F
72 hrs.		°F		°F		°F		°F

PRIMARY CEMENTING PROCEDURE	Hour — date	Hours from start of operation	Equipment Data
			Type standoff
Started pumping cement			Logging speed
Plug on bottom			Bias: Max.
Release pressure			Cartridge No.
Start Cement Bond Log			Spacing
Finish Cement Bond Log			

Preceding fluid ______ Volume ______ bbls. Pipe reciprocated during Pumping: Yes ______ No ______
Returns: Full ______ Partial ______ None ______ Pipe reciprocated after plug down: Yes ______ min., No ______

CASING BOND	DEPTH	TRANSIT TIME	VARIABLE DENSITY
BOND INCREASES 100% ← 0%		640 MICROSECONDS 140	200 MICROSECONDS 1000
	CASING COLLARS		

FRITTS OTTLEY NO. 1

ANCHOR ENERGY CORPORATION

VERNON COUNTY, MISSOURI

JANUARY 27, 1986

BOND LOG WITH MSC

31/37N/32W