

Operator Name: Conoco
Well Name: State B-19 No. 2
Job Description: 5-1/2" Production Casing
Date: January 25, 2000



Proposal No: 180253006A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	1,650	1,650
7.875 HOLE	7,950	7,950

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.892	17	7,950	7,950

Float Collar set @ 7,910 ft
 Mud Density 10.00 ppg
 Mud Type Water Based
 Est. Static Temp. 128 ° F
 Est. Circ. Temp. 121 ° F

VOLUME CALCULATIONS

1,650 ft	x	0.1926 cf/ft	with	0 % excess	=	317.8 cf
3,950 ft	x	0.1733 cf/ft	with	100 % excess	=	1368.7 cf
2,350 ft	x	0.1733 cf/ft	with	30 % excess	=	530.0 cf
40 ft	x	0.1305 cf/ft	with	0 % excess	=	5.2 cf (inside pipe)
TOTAL SLURRY VOLUME					=	2221.7 cf
					=	396 bbls