



CEMENT JOB REPORT

CUSTOMER DEVON/SFS OPERATING, INC.		DATE 30 NOV 00		LE # 345438800		SERV. SUPV. James Tuttle	
LEASE & WELL NAME Outland SL#3		LOCATION Sec 11 T21S R34E		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Hobbs		DRILLING CONTRACTOR RIG # Patterson 48		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS Cement Plug, Rubber, Top 13.3/8 in		LIST-CEG-HARDWARE First Collar, 41 Flap, 13.3/8 in, 1/2 in		PHYSICAL SLURRY PROPERTIES			
Guide Shoe, Texas-Notched 13-8/8		SLURRY WGT PPG		SLURRY YLD FT ³		WATER GPD	
						PUMP TIME MIN	
						B/L SLURRY	
						B/L WATER	
MATERIALS FURNISHED BY B.J.							
Fresh Water		8.34				10	
900sxs (35-85-6) (Poz-C-Gel) + 2% Caci2 + 25pps CF		12.5		1.83		9.78	
250sxs Class C + 2% Caci2 + 20pps CF		14.5		1.2		270.5	
Fresh Water		8.34				213	
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL		553.6 230.66	
HOLE SIZE 17.5		TBG-CEG O.P. SIZE 13.375		WGT 54.5		TYPE CSG	
% EXCESS 1417		DEPTH 1417		DEPTH 1417		J-55	
LAST CASING SIZE 13.3/8		PKR-CMT RET-BR PLUGS TYPE BRAND & TYPE		PLUG, SLURRY TOP B/L		TOP CONN SIZE 13.3/8	
						WELL FLUID BRD WATER BASED MUD	
DISPL. W/L TIME VOLUME 213		DISPL. FLUID UOM BBLs		TYPE Fresh Water		WGT. 8.34	
		BUMP PLUG 1000		TO REV. 0		MAX 100 PSI 0	
						MAX CSG PSI 2730	
						MAX 2184	
						OPERAT OR	

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DATA						EXPLANATION	
TIME HR:MIN	PRESSURE - PSI		RATE BPM	SLURRY PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW X CO. REP X	
	PIPE	ANNULUS				TEST LINES 2500 PSI	
						CIRCULATING WELL - RIG X BJ	
17:00						ARRIVED ON LOCATION 01/01/00	
23:30	2500				H2O	TEST LINES	
23:31	250		6	10	H2O	START SPALLER	
23:34	424		6	271	CEMENT	START LEAD	
00:20	400		6	61	CEMENT	START TAIL	
00:30						SHUT DOWN / DROP PLUG	
00:32	340		8		H2O	START DISPLACEMENT	
01:00	450		3	205	H2O	SLOW RATE TO BUMP PLUG	
01:15	700			213	H2O	PLUG BUMPED / FLOATS HELD	
						1800SXS OF CEMENT TO PT	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP	BBL CMT RETURNS/ REVERSED	TOTAL BBL PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.
Y N	500	Y N	58	600	0	Y N	

PT 1682 (12/98)

Page 1