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CEMENT JOB REPORT

JAN 29 2010

HOBBBSULL



30-025-39029

CUSTOMER COG Operating, LLC		DATE 24-SEP-09		F.R. # 600410264		SERV. SUPV. JESUS E VALDEZ	
LEASE & WELL NAME LEAKER CC #18 - API 30025390290000		LOCATION S16T17R32E		COUNTY-PARISH-BLOCK Lea New Mexico			
DISTRICT Artesia		DRILLING CONTRACTOR RIG # SLEDGE #35		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
8-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Auto Fill, 13-3/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
		Float Shoe 13-3/8 - 8rd					PUMP TIME HR:MIN
							Bbl SLURRY
							Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
WATER					8.34		10
C+4%GEL+2%CACL+1/4#CF				350	13.5	1.75	109 76 27
C+2%CACL+1/4#CF				200	4.8	1.34	48 30.36
WATER					8.34		99
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		266 106.63	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE
17.5	0	672	13.375	48	CSG	672	H-40
						SHOE	FLOAT
						675	632
						STAGE	
						0	
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM
17.5		OPEN HOLE	672	NO PACKER	0	0	0
						SIZE	THREAD
						13.375	8 RND
						WELL FLUID	
						WATER BASED MU	
						9	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
99	BBLS	WATER	8.34	202	0	0	0
						MAX TBG PSI	MAX CSG PSI
						Operator	Operator
						0	1730
						0	1384
						RIG	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							
PRESSURE/RATE DETAIL				EXPLANATION			
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES 3300 PSI	
						CIRCULATING WELL - RIG ☒ BJ ☐	
14:00						ARRIVE ON LOCATION	
14:05						HAZARDOUS ASSEMMENT WITH CREW/CHECK H2O LESS THAN 500 CHLORIDES/LESS THAN 200 SULFATES	
14:10						TALK TO THE COMPANY MAN	
14:15						SPOT TRUCKS ON LOCATION	
14:20						PRE RIG UP MEETING WITH CREW	
14:25						RIG UP	
14:30						FINISH RIG UP	
14:40						RIG FINISH COMING OUT OF THE HOLE	
15:00						RIG STARTED RUNNING PIPE	
16:20						RIG FINISH RUNNING PIPE	
16:25						SAFETY MEETING	
16:40						STAB CEMENT HEAD	
16:45	3300	0	.5	.5	H2O	TEST LINES	
16:49	79	0	5	10	H2O	H2O AHEAD	
16:51	300	0	7	109	CMT	LEAD SLURRY 350 SACKS/109 BBLS	
17:08	90	0	4	48	CMT	TAIL SLURRY 200 SACKS/48 BBLS	
17:18	0	0	0	0	0	SHUT DOWN /DROP PLUG	
17:19	200	0	6.5	89	H2O	DISPLACEMENT WITH FRESH WATER	
17:38	198	0	1.5	10	H2O	SLOW RATE TO BUMP PLUG	
17:41	428	0	0	0	0	BUMP PLUG/FLOAT HELD	
17:51						30 BBLS CIRCULATED TO THE PIT/96 SACKS	
18:10						PRE RIG DOWN MEETING	
18:20						RIG DOWN	

FOR RECORD ONLY

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PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW ☒ CO. REP. ☒	
	PIPE	ANNULUS				TEST LINES	3300 PSI
19:00						CIRCULATING WELL - RIG ☒ BJ ☐	
						FINISH RIG DOWN	
						THANK YOU JESUS VALDEZ AND CREW!!!!	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
☒ Y ☐ N	428	☒ Y ☐ N	30	266	0	☒ Y ☐ N	<i>Jesus Valdez</i>