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CEMENT JOB REPORT



CUSTOMER COG Operating, LLC		DATE 26-NOV-05		F.R. # 420910177		SERV. SUPV. LYLE D SPURLOCK JR		
LEASE & WELL NAME MOSLEY CANYON 32 ST 1		LOCATION S32T23SR25E		30-015-34250		COUNTY-PARISH-BLOCK Eddy New Mexico		
DISTRICT Ardesia		DRILLING CONTRACTOR RIG # PATTERSON 56		TYPE OF JOB Intermediate				
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES				
BJ Cement Plug, Rubber, Top 8-5/8 i		700-LAP-PVTS Float Collar, 8-5/8 inc		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	
		Float Shoe 8-5/8 - 8rd					PUMP TIME HR:MIN	
							Bbl SLURRY	
							Bbl MIX WATER	
MATERIALS FURNISHED BY BJ								
GW-27					8		30	
H+10%A10+10#LCM+1%CACL2+1/4#CF				100	14.6	1.51	27 14.72	
50/50/10C+5%SALT+5#LCM+1/4#CF				450	11.8	2.45	196 145.13	
H+10%A10+10#LCM+1%CACL2+1/4#CF				80	14.6	1.51	22 12.00	
50/50/10C+5%SALT+5#LCM+1/4#CF				400	11.8	2.45	175 129.58	
C+2%CACL2				200	14.8	1.32	48 30.92	
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL		498 332.35		
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE
12.25		2600	8.625	32	CSG	2600	J-55	2600
						2552.73		
						1		
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE
13.38	48	CSG	416	NO PACKER		0	0	8.625
						8RD		
						WATER BASED MU 8.4		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator
156	BBLs			836	0	0	0	0
							3930	3144
								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 4000 PSI		
						CIRCULATING WELL - RIG ☒ BJ ☐		
07:00						SAFETY MEETING		
07:05	4000	0	.5	.5	H2O	TEST LINES		
07:08	120	0	4.8	30	GEL	SPACER		
07:15	190	0	4.8	27	CMT	PLUG SLURRY		
07:21	240	0	6.3	196	CMT	1ST LEAD		
07:50	212	0	4.8	22	CMT	PLUG SLURRY		
07:55	233	0	6.3	175	CMT	2ND LEAD		
08:37	230	0	4.2	48	CMT	TAIL		
08:46	700	0	6.8	146	CMT	DROP PLUG ON FLY		
09:15	650	0	3	10	H2O	SLOW RATE		
09:17	1020	0	0	0	H2O	PLUG DOWN		
					CIRCULATED 109 SACKS			
					THANK YOU DUANE 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	1020	☒ Y ☐ N	48	654	0	☒ Y ☐ N		

OLD-COPY

CEMENT JOB REPORT



CUSTOMER COG Operating, LLC		DATE 20-NOV-05	F.R. # 421110245		SERV. SUPV. Richard Molina	
LEASE & WELL NAME MOSLEY CANYON32ST#1		LOCATION 32-23-25		COUNTY-PARISH-BLOCK Eddy New Mexico		
DISTRICT Artesia		DRILLING CONTRACTOR RIG # PATTERSON#56		TYPE OF JOB Surface		
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES		
Cement Plug, Rubber, Top 13-3/8 in		Float Collar, Ball Valve, 13-3/8 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³
		Float Shoe 13-3/8 - 8rd				
MATERIALS FURNISHED BY BJ						
H+10%A-10#LCM-1+1/4#C/F +1%CACL-2		180	14.6	1.52	6.16	00:00
35/65/6/C+2%CACL-2+1/4C/F+5#LCM-1		190	12.5	1.98	10.27	04:30
C+2%CACL-2		165	14.8	1.34	6.16	03:15
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL		155 96.97
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	GRADE
17.265		417	13	40	417	H-40
			13	40	417	H-40
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP
13	40	CSG	417	NO PACKER		0
13	40	CSG	417			0
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
58	BBLS			100	0	0
MAX TBG PSI		MAX CSG PSI		MIX WATER		
RATED		Operator		RATED		
0		1000		RIG		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:						
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 1000 PSI
						CIRCULATING WELL - RIG ☒ BJ ☐
04:00	1500	0	2	3	H2O	TEST LINES
04:05	179	0	6	20	GEL	GEL A HEAD
04:20	198	0	6	49	CMT	1FT 14.6 CMT
04:30	257	0	6	67	CMT	2ND LIEAD CMT AT 12.5
04:45	287	0	6	39	CMGT	TAIL CMT AT 14.8
04:55	0	0	0	0	H2O	DROP THE PLUG
05:00	354	0	7	48	H2O	DISP
05:10	256	0	3	10	H2O	SLOW RATE
05:25	800	0	0	0	H2O	BUMP THE PLUG
05:30	0	0	0	0	0	CIRCULATE 100 SKS TO THE PIT
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT
☒ Y ☐ N	800	☒ Y ☐ N	63	145	0	Y ☒ N
SERVICE SUPERVISOR SIGNATURE: <i>Richard Molina</i>						

C06 op. LLC

MOSLEY CANYON 32 STATE #1

SAMPLE DEPTH	CHLORIDES
514'	900
618'	900
700'	800
800'	1000
900'	1000
1000'	1200
1100'	800
1300'	600

FROM MY MUD CHECKS

SAMPLE DEPTH	CHLORIDES
1273'	700
2600'	600

SAMPLES CHECKED ON 11/29/05
BY GREGG SCARBRO

RECEIVED
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