

# CEMENT JOB REPORT



<b>CUSTOMER</b> Patina Oil & Gas Corporation		<b>DATE</b> 18-APR-05		<b>F.R. #</b> 225127867		<b>SERV. SUPV.</b> Allen Miller	
<b>LEASE &amp; WELL NAME</b> PARKER RED D23-3 - API 05123169610000		<b>LOCATION</b> SEC 23 - 3 N - 64 W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado			
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> W/O		<b>TYPE OF JOB</b> Squeeze-Perforation			

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	PHYSICAL SLURRY PROPERTIES						
	N/A	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
CACL2 WATER			9				10	
FRESH WATER			8.34				5	
SODIUM METASILICATE			8.34				10	
FRESH WATER			8.43				5	
CLASS G+ .5% CACL2		150	15.8	1.15	5	01:13	30.72	17.86
FRESH WATER			8.4				18	
Fresh Water			8.34				0	
Available Mix Water 150 Bbl.		Available Displ. Fluid 150 Bbl.		TOTAL		78.72		17.86

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
6.5	0	7130	2.375	4.7	TBG	3957	N-80			

LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
3.5	7.7	CSG	7127	GPS-1 Packer, 5 in by 2.688 in E	3957	4350	4394	2.375	8RD	FRESH WATER	8.34

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
18.8	BBLS	FRESH WATER	8.4	0	2800	3000	8000	3000	0	0	TRK				

### Circulation Prior to Job

Circulated Well: Rig ☐ BJ ☐      Circulation Time: 0      Circulation Rate: 0 BPM  
Mud Density In: 0 LBS/GAL      Mud Density Out: 0 LBS/GAL      PV & YP Mud In: 0      PV & YP Mud Out: 0  
Gas Present: NO ☒ YES ☐      Units:      Solids Present at End of Circulation: NO ☒ YES ☐

### Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒      Amount Bled Back After Job: 0 BBLS  
Returns During Job: ☐ NONE ☐ PARTIAL ☐ FULL      Method Used to Verify Returns: SIGHT  
Cement Returns at Surface: ☐ YES ☒ NO      Were Returns Planned at Surface: ☒ NO ☐ YES  
Pipe Movement: ☐ ROTATION ☐ RECIPROICATION ☐ NONE ☐ UNABLE DUE TO STUCK PIPE  
Centralizers: ☒ NO ☐ YES      Quantity:      Type: ☐ BOW ☐ RIGID  
Job Pumped Through: ☐ CHOKE MANIFOLD ☒ SQUEEZE MANIFOLD ☐ MANIFOLD ☐ NO MANIFOLD

### Plugs

Number of Attempts by BJ: 0      Competition: 0      Wiper Balls Used: ☒ NO ☐ YES      Quantity:  
Plug Catcher Used: ☒ NO ☐ YES      Parabow Used: ☒ NO ☐ YES  
Was There a Bottom: ☒ NO ☐ YES      Top of Plug: 0 FT      Bottom of Plug: 0 FT

### Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐      SHOE SQUEEZE ☐      TOP OF LINER SQUEEZE ☐      PLANNED ☒      UNPLANNED ☐  
Liner Packer: ☐ NO ☒ YES      Bond Log: ☒ NO ☐ YES      PSI Applied: 3000      Fluid Weight: 15.8 LBS/GAL

### Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI      With 0 LBS/GAL Mud      Time Held: 00 Hours 00 Minutes

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