

CEMENT JOB REPORT



CUSTOMER Noble Energy - Denver		DATE 26-DEC-07	F.R. # 225135447	SERV. SUPV. MURREL E TALBERT II	
LEASE & WELL NAME NAKAGAWA #B13-9 - API 05123150790000		LOCATION 13-5N-64W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Squeeze-Top	

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ								
Fresh Water			8.34				10	
Freshwater			8.34				7.5	
Class G Cement + Additives		150	15.8	1.15	4.97	06:00	30.7	17.72
Fresh Water			8.34				20	
Premium Lite + Additives		550	10.5	3.98	25.63		383	329.42
Fresh Water			8.34				3	
Available Mix Water 500 Bbl. Available Displ. Fluid 116.7 Bbl.							TOTAL	454.2 347.15

HOLE			TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE
10	0	5773	8.625	24	CSG	311	N-80	
			2.875	6.5	CSG	5773	N-80	
			1.66	3.02	TBG	5773	P-110	

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
8.625	24	CSG	311	NO PACKER	0	0	0	1.25	8 RD

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	RATED	Operator			
9.5	BBLS	Freshwater	8.34	0	0	0	9880	2100	3840	2100	WATER TANK				
		Fresh Water	8.34												

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 1.75 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: 1 BBLS
 Returns During Job: ☐ NONE ☒ PARTIAL ☐ FULL Method Used to Verify Returns: VISUALLY
 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: 0 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: 0 Fluid Weight: 0 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: