

CEMENT JOB REPORT



CUSTOMER Noble Energy - Denver			DATE 25-MAY-10		F.R. # 1001622127		SERV. SUPV. PHILLIP S MULLINS		
LEASE & WELL NAME DILLARD USX AB #03-16 - API 05123269680000			LOCATION Sec.3 - T7N - R64W			COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton			DRILLING CONTRACTOR RIG # Work-Over			TYPE OF JOB Squeeze-Perforation			

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
				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											
Class "G" + Adds.				120	15.6	1.40	5.97	01:30	28.6	16.37	
Fresh Water				0	8.34	0	0	00:00	45		
Fresh Water				0	8.34	0	0	00:00	25		
Fresh water				0	8.34	0	0	00:00	180		
2% KCL				0	8.43	0	0	00:00	24.5		
Available Mix Water <u>210</u> Bbl. Available Displ. Fluid <u>160.8</u> Bbl.									TOTAL	303.1 16.37	

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
0	0	0	5.5	17	CSG	8835	N-80			0

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.
				Tension packer	8506	8820	8835	2.875	8RD	WATER BASED MU	8.4

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	
49.2	BBLS	Fresh Water	8.34	0	870	2500	8456	5000	6192	5000	Transport

Circulation Prior to Job

Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>		Circulation Time: 1		Circulation Rate: 2 BPM	
Mud Density In: 8.4 LBS/GAL		Mud Density Out: 0 LBS/GAL		PV & YP Mud In: 0	
PV & YP Mud Out: 0		Gas Present: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>		Units: 0	
Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					

Displacement And Mud Removal

Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>		Amount Bled Back After Job: .25 BBLS	
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL		Method Used to Verify Returns: Visually	
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE			
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		Quantity: 0	
Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID			
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD			

Plugs

Number of Attempts by BJ: 0		Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Top of Plug: 0 FT		Bottom of Plug: 0 FT			

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE <input type="checkbox"/>		SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input checked="" type="checkbox"/> UNPLANNED <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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	
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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT		Target EMW: 0 LBS/GAL		Actual EMW: 0 LBS/GAL	
Number of Times Tests Conducted: 0		Mud Weight When Test was Conducted: 0 LBS/GAL			

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Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
N/A

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
N/A

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
N/A

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 <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4650 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
07:00	0	0	0	0	N/A	Pre rig up safety meeting	
09:00	0	0	0	0	N/A	Pre job safety meeting	
09:18	4650	0	0	0	H2O	Pressure test pumps and line	
09:21	2000	0	.3	.5	H2O	Load backside	
09:26	2800	200	2	25	H2O	Spacer	
09:46	1200	1800	2	28.6	H2O	Batchup and pump 120 sks of G+0.2% R-3+ 20% Silca flour @ 15.6#	
10:02	5000	200	2	45	H2O	Displace	
10:46	800	0	2	180	H2O	Reverse out	
13:39	5000	0	0	0	H2O	Pressure test pumps and line	
13:42	100	0	1.1	24.5	H2O	Circulate tubing	
14:07	0	0	0	0	N/A	Stop service	
14:15	0	0	0	0	N/A	Post job rig down safety meeting	
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 30	TOTAL BBL. PUMPED 303.6	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: