NOBLE ENERGY INC.

Daily Completion/Workover Report

_____ New Drill _____ Recompletion _____ LOE _____ Re-Frac **X** Casing Repair _____ P&A

Date: **18-Oct-07** Well Name: **TREBOR B 11-23** Area: **A**

Legal Desc: **SE / NW / SE** Sec: **11** Twn: **5N** Rng: **64W**

Perforations

Zone	Depths
	Csg Patch @ 5176.65'
CODELL	**6697' - 6707'**

Surface Csg:	? JTS	Size: 8 5/8"	Wt/Gd: 24#	Conn.		Depth:	313'
Production Csg:	52 JTS	Size: 2 7/8"	Wt/Gd: 7.9# N-80	Conn.	PH6 HYDRIL	Depth:	1653.23'
Production Csg:	165 JTS + 8' SU	Size: 2 7/8"	Wt/Gd: 6.5# N-80	Top:	EUE 8RD	Depth:	5176.65
Tubing:		Size: 1 1/4" (STS)	Wt/Gd: 3.02# N-80	Conn.	CSH	Depth:	
Packer:		RBP: 6589.52'	CIBP	Sd Plug		Last Cleaned Out To	10/12/2007 **6699.05'**
TD	6829'	PBTD 6826'	TOC	6110', 5104', 2166'			
Fluid Lost		Recovered		Load Remaining	*Csg patch @ 5176.65'*		
Other Information:	RD 58 1/2 & RD 59, S 0.25, W 0.25 into.						

Job Objective: CASING REPAIR

Operation Past 24 Hours

10-18-07 Thursday:

Crew to location: IWP-tbg down annuals 0# / csg 10#. Unsecured tbg. Picked up & added 3 jts 1 1/4" 3.02# N-80 csh tbg to string. Hooked up circulating equipment. Established conventional circulation & with EOT @ 5242' conditioned hole with light mud for 1 hr. MIRU B-J cementing equipment. A&W delivered 240 bbls fresh water for cement job. Held safety meeting, Shut down circulation. Hooked B-J up to tbg. Psi tested lines to 4450#. With 168 jts in hole & EOT @ 5242' pumped 10 bbls fresh water spacer at 1.4 bpm @ 2000#. Mixed & pumped 60 sks = 10 bbls class G with adds at 15.8 ppg at 1.3 bpm @ 1500#, pumped 7 bbls displacement at 1.4 bpm @ 1890# to cover csg patch. Broke B-J off well head. POOH to derrick 20 stands 1 1/4" csg tbg. With 128 jts in hole & EOT @ 3995', pumped 10 bbls water spacer at 1.5 bpm @ 1750#. Mixed & pumped 230 sks = 160 bbls Premium light & adds cement at 10.5 ppg at 1.7 bpm @ 2050#. Pumped 2.5 bbl water displacement at 1.6 bpm @ 2011#, to cover corrosion area. Broke B-J off well head, washed up & rigged down. POOH to derrick 64 stands 1 1/4" 3.02# N-80 csh tbg & mule shoe sub. ND J-U head & 2 7/8" sub. Bled 200# off csg then it died. Unflanged off set flanges. Picked up csg & landed in slips with 41k. ND top duel flange & bottom surface flange. Packed off surface head. NU 2 7/8" well head, flange adaptor & BOPS. Secured well. Washed up mud tank. Basic was on location throughout job hauling off displacement mud & wash up cement. Wind blowing about 40 mph, to windy to run pipe. S.D.F.N.

Proposed Operations: RIH & retrieve RBP / RIH & C/O to PBTD / POOH laying down 1 1/4" csh tbg.

Contractor: ENSIGN # 303 Supervisor: Joe Brnak

Cost Estimate

Intangible

Welding	LEED
Misc. Pump	
Trucking	ENSIGN / A&W
Bits	
Drilling Fluids	
Cement & Services	B-J SERVI
Cased Hole Logging & Perf	NUEX
Equipment Rentals	STS
Contract Services	
Completion Unit	ENSIGN
Swab Rig	
Stimulation	
Hydrotesting	
Professional Services	
Roustabout	
Frac tanks / KCL water	ENSIGN / A
Slickline	
Anchors	DJR / RELIA
Tubing rental	NOBLE (1 1/4
Chemical	PRO TRE
	To