



# Post Well Documentation

## SHELL BULLMOOSE B-3-G/93-P-3

Primary Job Type Completion		Secondary Job Type Other		Start Date 06/06/2003	End Date 09/08/2003
Cost Type CAPITAL	A/E No.	A/E Amount (\$) 4,100	Supp. Amt. (\$)	Total Fid Cost (\$)	-Ovr/Undr Bdat (\$) Final Inv. Cost (\$) Var (Final) (\$)

Objective  
Complete and Test Belly. Re-complete and test Baldonnell. Re-complete and produce from Belly with Baldonnell behind sliding sleeve.

Summary  
Complete and Test Belly. Re-complete and test Baldonnell

### Daily Operation Reports

Start Date	Rpt No	Ops This Rpt
06/06/2003	1.0	Run USIT/CBL
06/07/2003	2.0	RIH with underreamer.
06/08/2003	3.0	Attempt to underream. POOH with broken underreamer. RIH with repaired underreamer.
06/09/2003	4.0	RIH and re-attempt to underream. POOH, underreamer still not working right. RIH for wiper trip.
06/10/2003	5.0	POOH with drill pipe and standback in derrick. Wait on hydrotesters. RIH with 89mm liner.
06/11/2003	6.0	Continue RIH with 89mm H511/NSCT liner on drill pipe.
06/12/2003	7.0	Cement 89mm liner. wait on cement. come off on-off connector and circulate well to water.
06/13/2003	8.0	Wait on cement for 24hours.
06/14/2003	9.0	Standby.
06/15/2003	10.0	Standby.
06/16/2003	11.0	Standby.
06/17/2003	12.0	Standby.
06/18/2003	13.0	Standby.
06/19/2003	14.0	P/U and RIH w/ 88.9 mm NSCT w/ Baker On-Off connector.
06/20/2003	15.0	RIH w/ On-Off, Circulate over to inhibited water.
06/21/2003	16.0	Circulate to inhibited water. Pressure test.
06/22/2003	17.0	RIH w/ HWCS / NDBOP's / NU wellhead / Slickline.
06/23/2003	18.0	Rig out wireline.
07/09/2003	19.0	CWOP meeting Re: Bullmoose. Calgary Room # 902
07/11/2003	20.0	Prepare lease for test equipment. Rig in Communications system.
07/12/2003	21.0	Repare lease for test equipment. Rig in berm and spot 63.5 m <sup>2</sup> tanks.
07/13/2003	22.0	Move in, spot, proceed to rig in NNES test Equipment.
07/14/2003	23.0	Continue rig in and NU test equipment.
07/15/2003	24.0	Continue rigging in test equipment.
07/16/2003	25.0	Held ERP meeting in Tumber Ridge W/ Shell Reps from Calgary , Reps from O.G.C. , Reps from Tumber Ridge & compellion services. Continue R/I test equip. P/T main line to choke @ 1.5 & 40 mpa
07/16/2003	26.0	Held ERP meeting in Tumbler Ridge w/ Shell , OGC & other services involved w/ the well Filled test equip & surface lines w/ fresh water & P/T same @ 1.5 & 40 mpa , fill bundles & lines , P/T @ max working pressure
07/17/2003	27.0	Level hi traffic areas w / crushed gravel. R/U coil. RIH w/ coil & blow down hole
07/18/2003	28.0	Rigged in wire line, hauled in brine water. Puled GR-CCL strip, started perforating Belly. Perforated 4088.0-4094.0, 4094.5-4112.5, 4113.0-4125.0mKB.
07/19/2003	29.0	Finish perforating Belly (4083.0-4085.0mKB) and run PLT log.
07/20/2003	30.0	Open well for pre frac flow , max rate 300 e3m3 , min W/H press 14 mpa
07/21/2003	31.0	Squeeze 4 m3 Nitroified acid , 4 m3 nitroified water & displaced w/ N2 @ 49,600kPa.
07/22/2003	32.0	Attempt to flow well, shut down due to weather conditions.
07/23/2003	33.0	Flow clean up, shut in due to high H2S readings
07/24/2003	34.0	Prepare for Frac / Frac Belly as per program. Fraced Belly with 58.5m3 of 28% HCl acid. Max pressure during frac 63,000kPa. Flow well for clean-up.
07/25/2003	35.0	Flow Belly to flare for clean-up.
07/26/2003	36.0	RIH w/ GR, Gauges.
07/27/2003	37.0	RIH w/ 'R' Lock, Gauges, SSSV Flow well.
07/28/2003	38.0	Ball / Run 'R' lock / Gauges / SSSV
07/29/2003	39.0	Flow well for clean-up.inhibition treatment. Belly
07/30/2003	40.0	Flow well/Shut in according to program. (Belly)
07/31/2003	41.0	Lease watch
08/01/2003	42.0	Lease watch & start HWCS

complete to  
Belly  
with  
drilling  
rig

test  
Belly,  
suspend  
Belly