

CANADA OIL AND GAS LANDS ADMINISTRATION  
SAFETY INSPECTION REPORT  
ONSHORE DRILLING OPERATIONS

Well Name: Forward et al West Parkin YT D-54 D.A. NO: 1208  
Operator: Exco Energy Ltd. (Forward Resources)  
Date of Inspection: 1985-01-17 INSPECTION NO: 3  
Days Since Last Inspection: 11 Days Since Last LTA: 3  
Contractor: Grey Mountain Drilling Ltd.

Rig No: #1 Date Spudded: 84-12-20  
Operation in Progress: Tripping for BIT Depth: 1039 m  
Last Casing in the Hole: Surface Casing N-80,64.7 kg/m<sup>3</sup> Size: 244.5 mm Depth Set: 460 m  
Total No. of Personnel: 42 Projected Total Depth: 1825 m  
Last Formation Leak Off Test: Date 85-01-06 Depth 461 m EMD 2240 kg

3. WELL CONTROL EQUIPMENT:

DATE LAST BOP DRILL 85-01-17 (held by daylight driller w/COGLA present)

DATE LAST COMPLETE BOP TEST 85-01-06 TEST PRESSURE

3. MCM

Density 1168 kg/m<sup>3</sup> Hole Vol. 32 m<sup>3</sup> Active Vol. 108 m<sup>3</sup>  
Reserve Density kg/m<sup>3</sup> Res. Vol. m<sup>3</sup> Avg. B.G. Gas  
Maximum Gas Trip Gas

S	U	SATISFACTORY (S)	UNSATISFACTORY (U)	CATEGORY
X	X	1. Posting of Drilling Authority and Drilling Program Approval.		Drilling Authority & Rep
X	X	2. Posting of BOP Drawings and Kill Control Sheets.		
X	X	3. Recording of all required information in tour reports.		
X	X	4. B.O.P. equipment appears to be properly connected.		Blow Preventive Equipme
X	X	5. B.O.P. equipment tested daily and tests recorded.		
X	X	6. Equipment was adequately pressure tested before drilling out casing shoe.		
X	X	7. B.O.P. equipment housed, ventilated & heated for winter operations.		
X	X	8. Bleed-off & kill lines adequate and properly tied down.		
X	X	9. B.O.P. controls and accumulator adequately and properly located.		
X	X	10. Crew properly trained and capable of operating B.O.P. equipment.		
X	X	11. Is a degasser being used? Are mud gauging equipment & alarm systems functional?		
X	X	12. Engine shut-off controls installed and functional.		F
X	X	13. Engine exhausts properly connected with required safety features.		Haz
X	X	14. Smoking regulation observed.		
X	X	15. Boilers, electric generator, accumulator & fuel supplies at required distance from well and from each other.		
X	X	16. Flare pit, flare line & sump adequate and at required distance from well.		
X	X	17. Fire fighting equipment adequate and maintained.		
X	X	18. Proper electrical wiring and fittings installed and maintained.		
X	X	19. Adequate first aid kits, stretchers and blankets available and maintained.		
X	X	20. Radio in 24 hours operation.		
X	X	21. Required personnel have valid first aid certificates.		
X	X	22. Breathing apparatus — adequate, accessible and maintained.		
X	X	23. Other required personnel safety equipment.		Person Safe
X	X	24. General house keeping and indication of good practice.		Gene
X	X	25. Equipment appears to conform with CEC or WCO standards.		
X	X	26. Required deviation surveys being run.		
X	X	27. Elimination of potential hazardous conditions.		
X	X	28. Adequacy of contingency plans, equipment and supplies.		

5. Remarks & Recommendations  
Item No. 2. No kill control information sheets calculated or posted.  
(Any comments or action required on items listed above and others detailed in Inspection Guide should be listed here)

3. No trip sheets filled out prior to Jan. 15/85. BOP function test & BOP drills must be recorded in tour sheet.

4. Valve outside of HCR was closed & remained closed before, during & after BOP drill.

5. BOP drills not recorded - (1 to be held with each crew week)  
9. Accumulator press dropped to 0 after BOP drill. Repairs required to precharge pump  
No automatic gas detectors in mud tank or on the rig floor.

10. Daylite driller does not have valid BOP certificate.

18. Wiring to mudloggers equipment in shaker box to be explosion proof.

17. Fire extinguishers to be serviced.

19. Adequate equipment & first aid trailer must be on location by 2400 85-01-19 or operations to stop. 27. No rear exit in camp. Valve handle or wheel required for valve on choke at BOP's.

Operator's Representative: Jim Riley (Winterhawk)

Signature: Original signed

Oil & Gas Cons. Eng.: W.V. Marsh & Brian Way

Signature: Original signed