

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

Well Name: Forward et al West Parkin Y.T. D-54 D.A. NO: 1208

Operator: Forward Resources Limited

Date of Inspection: December 27, 1984

INSPECTION NO: 1

Days Since Last Inspection: N/A

Days Since Last LTA: 9

Contractor: Grey Mountain Drilling Limited

Rig No: Custom Drilling Rig # 94

Date Spudded: 84-12-20

Operation in Progress: Waiting on lost circ. material

Depth: 80 m

Last Casing in the Hole: Conductor

Size: 339 mm

Depth Set: 55 m

Total No. of Personnel: 29

Projected Total Depth: 1825 m

Last Formation Leak Off Test: Date N/A Depth m EMD kg

2. WELL CONTROL EQUIPMENT: Diverter Drill held with daylight crew 84-12-27.

DATE LAST BOF DRILL Performance poor - see item 10 below

DATE LAST COMPLETE BOF TEST 84-12-23 TEST PRESSURE 1.5 MPa

3. MUD

Density 1035 kg/m³

Hole Vol. m³

Active Vol. 65 m³

Reserve Density -- kg/m³

Res. Vol. -- m³

Avg. B.G. Gas --

Maximum Gas N/A Trip Gas N/A

S	U	CATEGORY (S)	CATEGORY (U)
X		1. Posting of Drilling Authority and Drilling Program Approval.	UNSATISFACTORY (U)
X		2. Posting of BOP Drawings and Kill Control Sheets.	
X		3. Recording of all required information in tour reports.	
	X	4. B.O.P. equipment appears to be properly connected.	
	X	5. B.O.P. equipment tested daily and tests recorded.	
X		6. Equipment was adequately pressure tested before drilling out casing shoe.	
X		7. B.O.P. equipment housed, ventilated & heated for winter operations. not properly heated	
X		8. Bleed-off & kill lines adequate and properly tied down.	
X		9. B.O.P. controls and accumulator adequately and properly located. performance on diverter drill was poor	
X		10. Crew properly trained and capable of operating B.O.P. equipment.	
X		11. Is a degasser being used? Are mud gauging equipment & alarm systems functional?	
X		12. Engine shut-off controls installed and functional.	
X		13. Engine exhausts properly connected with required safety features.	
	X	14. Smoking regulation observed. Signs needed	
+X		15. Boilers, electric generator, accumulator & fuel supplies at required distance from well and from each other.	
X		16. Flare pit, flare line & sump adequate and at required distance from well.	
X		17. Fire fighting equipment adequate and maintained.	
	X	18. Proper electrical wiring and fittings installed and maintained.	
X		19. Adequate first aid kits, stretchers and blankets available and maintained.	
X		20. Radio in 24 hours operation.	
	N/C	21. Required personnel have valid first aid certificates.	
X		22. Breathing apparatus - adequate, accessible and maintained.	
X		23. Other required personnel safety equipment.	
X		24. General house keeping and indication of good practice.	
X		25. Equipment appears to conform with CEC or WCO standards.	
X		26. Required deviation surveys being run.	
X		27. Elimination of potential hazardous conditions.	
X		28. Adequacy of contingency plans, equipment and supplies. Barite not available on lease	

(Any comments or action required on items listed above and others detailed in Inspection Guide should be listed here)

5. Remarks & Recommendations

Item No.

Explanation of unsatisfactory items:

- Valves are frozen shut on diverter and in manifold shack (no heat in manifold shack)
- Diverter line is not tied down.

9. Accumulator pump throws breaker when activated

10. Crew unable to find stabbing valve or wrench-unfamiliar with equipment.

11. No pit volume totalizer or flo-show. Trip tank not hooked up.

12. Could only check one as only one engine is operational

14. H2S and No Smoking signs are required.

* 15. Blow down lines required for boiler.

(Comments continued on next page.)

Operator's Representative: Derry Lodder

Signature:

Oil & Gas Cons. Eng.: Bill Marsh

Signature: on original

Signature: on original

Explanation of Unsatisfactory items continued:

18. Wiring repairs required: cord to heater in cellar; wire and radio in Doghouse need proper wiring. No lights or fans in mud tank area (temporary lights are hooked up with extension cords but this is not adequate).
19. Drugs are not locked up, no hospital bed, no water in medicine room.
22. No self-contained air demand breathing devices available at the camp (4 required), 2 only at rig (5 required).
23. Numerous people working on location without hard hats.
24. Rig needs a lot of general maintenance (eg: Doghouse stairs are broken).
25. Wiring in cellar, mud tanks, and Doghouse must be brought up to the standards required in the Canadian Electrical Code.
27. Poor lighting in mud tank area, hose hung over stairs, derrick escape line too short. Poor selection of tools.
28. Weighting material (Barite) is not located in an accessible place (should be on the lease).