

TRAINING AND SERVICE RIG INSPECTION REPORT

Date of Inspection 13 March 77 Date of last inspection .....

Well Name Pacific at of Keel 41 F-81 Location 66 9900, 134 86500

Operating Company Pacific Contractor Gustarson Rig No. 11

Operation in Progress Drilling Depth 7758

Spud Date 13 Feb 77 D.A. No. 547 Projected Total Depth 11,000

Depth of last casing string 13 3/8 @ 1100

Toolpusher Jim Quirk Operators Representative Bill Jarman Conservation Engineer M. D. Thomas

Signature [Signature] Signature .....

N.B.: See Page 2 - Remarks re items checked as 'Unsatisfactory' or 'No'.

I. GENERAL

- 1. D.A. posted  Yes  No
- 2. Tour Reports complete, up to date and signed.  Yes  No
- 3. Location of wellsite with respect to natural & installed facilities.  Yes  No
- 4. Sump adequately contained  Yes  No
- 5. Housekeeping  Yes  No
- 6. Radio communication in working order.  Yes  No
- 7. Camp & kitchen facilities clean and sanitary.  Yes  No
- 8. Adequate waste disposal  Yes  No
- 9. Deviation surveys every 500' minimum and recorded in tour book.  Yes  No

II. SAFETY

- 1. Flare pit and burn pit greater than 150' from wellbore.  Yes  No
- 2. Boilers greater than 150' from the wellbore.  Yes  No
- 3. Rig lights operating and with protective covers.  Yes  No
- 4. Electrical fixtures within 75' of wellbore explosion proof.  Yes  No
- 5. Power plant grounded.  Yes  No
- 6. Adequate gas masks; Type: 6 Scott  Yes  No
- 7. Regulator with adequate supply of air. 2  Yes  No
- 8. Minimum of two 20# powder fire extinguishers in galloping.  Yes  No
- 9. Minimum of 2 fire extinguishers in man boiler area.  Yes  No
- 10. Fire extinguishers in camp.  Yes  No
- 11. First aid kit; No: 2  Yes  No
- 12. Safety goggles  Yes  No
- 13. Stretcher and blankets 2  Yes  No
- 14. All moving parts safely guarded  Yes  No
- 15. Safety pins on falls in place  Yes  No
- 16. Safety pins on falls and in areas in camp.  Yes  No
- 17. Safety pins greater than 75' from wellbore.  Yes  No
- 18. Safety pins and falls in place  Yes  No

- 20. Waterproof material in rig shelter  Yes  No
- 21. Wiring high enough above ground for clearance.  Yes  No
- 22. Hard hats worn on rig or in potentially dangerous areas.  Yes  No
- 23. All breathing apparatus tested monthly & recorded in tour book.  Yes  No

III. MUD SYSTEM

- 1. Mud tank capacity 400 bbl  Yes  No
- 2. Safety valve on pump discharge line Type: Dance 3" Scott  Yes  No
- 3. Mud weight relative to depth. 9.0 #  Yes  No
- 4. Gas analyzer.  Yes  No
- 5. Degasser, if mud tanks in rig shelter.  Yes  No
- 6. Mud level warning system. Type: Dance  Yes  No
- 7. Condition of Kelly hose.  Yes  No
- 8. Mud mixing platform clean.  Yes  No
- 9. Studs and nuts on fluid cylinder head and valve covers.  Yes  No
- 10. Pressure rating of mud discharge line  Yes  No
- 11. Mud gun anchors.  Yes  No

IV. MACHINERY AND PUMP

- 1. Condition of motors  Yes  No
- 2. Engine air inlets greater than 40' from wellbore.  Yes  No
- 3. Engine exhausts greater than 40' from wellbore.  Yes  No
- 4. Where engine exhausts exceed 400°F., open exhausts less than 75' from wellbore are insulated.  Yes  No
- 5. Guard safety and down on floor.  Yes  No
- 6. Condition of fuel lines.  Yes  No
- 7. Shut-off checked weekly and recorded on log sheets.  Yes  No
- 8. Water connections on engine exhausts working.  Yes  No

V. HOIST AND DEPTH

- 1. Drilling valves ready.  Yes  No
- 2. Drilling operation.  Yes  No
- 3. Drilling operation.  Yes  No
- 4. Drilling operation.  Yes  No
- 5. Drilling operation.  Yes  No
- 6. Drilling operation.  Yes  No
- 7. Drilling operation.  Yes  No
- 8. Drilling operation.  Yes  No

7. Pick up slings	<input checked="" type="radio"/>	Yes	8. EOP's tested before drilling out.	<input checked="" type="radio"/>	Yes
8. Top exits from pump house	<input checked="" type="radio"/>	Yes	9. EOP stack enclosed and heated.	<input checked="" type="radio"/>	Yes
9. Top exit from monkey board	<input checked="" type="radio"/>	Yes	10. Manifold outside substructure enclosed and heated.	<input checked="" type="radio"/>	Yes
10. Condition of hook latch	<input checked="" type="radio"/>	Yes	11. Blow bolts in place & tightened	<input checked="" type="radio"/>	Yes
11. Are derrick floor exits open outside from floor.	<input checked="" type="radio"/>	Yes	12. High pressure lines, valves, fittings used on EOP's.	<input checked="" type="radio"/>	Yes
12. Stabbing valve adapters	<input checked="" type="radio"/>	Yes	13. Feasibility of control valve handles.	<input type="radio"/>	S
13. Escape buggy checked weekly and recorded.	<input checked="" type="radio"/>	Yes	14. Control arms for manually closing ram type preventer outside substructure.	<input checked="" type="radio"/>	Yes
<u>VI. PREVENTER</u>			<u>VII. ELECTRICAL</u>		
1. S.I. time on bag type preventer	<input checked="" type="radio"/>	NS	1. All light fixtures and wiring in good condition	<input checked="" type="radio"/>	Yes
2. S.I. time on rams	<input checked="" type="radio"/>	NS	2. Light plant adequate for job.	<input checked="" type="radio"/>	Yes
3. Pressure test on bag type preventer.	<input type="radio"/>	NS	3. Standby light plant.	<input checked="" type="radio"/>	Yes
4. Pressure test on pipe rams.	<input type="radio"/>	NS			
5. Pressure test on blind rams.	<input type="radio"/>	NS			
6. Valves open to manifold.	<input checked="" type="radio"/>	Yes			
7. Flareline tied down.	<input checked="" type="radio"/>	Yes			
8. Accumulator hydraulic reservoir	<input checked="" type="radio"/>	NS			
9. Standby pressure source - ie: Nitrogen 3	<input checked="" type="radio"/>	NS			
10. EOP drill witnessed	<input checked="" type="radio"/>	Yes			
11. General crew knowledge of blowouts and kicks.	<input checked="" type="radio"/>	NS			

\* Satisfactory  
\*\* Unsatisfactory

REMARKS RE- ITEMS CHECKED AS 'UNSATISFACTORY' OR 'NO':

To 16 Future safety meetings will be recorded in log book.  
 18 Not sure whether every driller has first aid certificate. See Section 94 of the Canada Oil & Gas Drilling and Production Regulations and provide the District Conservation Engineer with proof of compliance.  
 23 Test breathing apparatus monthly & record in log book.  
 6 Ok Exits from 3 sides.  
 13 Escape buggy to be checked weekly & recorded. Do not ride buggy.  
 General: This rig is the cleanest and warmest rig visited in the North.