

P.O Box 3072, Fitzroy, New Plymouth
9 Swans Road, Bell Block, New Plymouth
Phone: 06 7559139, Fax 06 7551410
www.independentoilfield.co.nz



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| ATTENTION | Gary Turner |
| COMPANY | Scientific Drilling |
| PURCHASE ORDER | 0267 |
| REPORT NUMBER | 8687 |

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|--------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| TOOL DESCRIPTION | NM Drill Collar | | | | SIZE | 6-1/2" |
| NEW/USED | Tag Oil, Southern Cross A1 ST | | TALLY | 28' 1/2" | SERIAL NUMBER | 84079 |
| TYPE OF INSPECTION | MT | <input type="checkbox"/> | PT | <input type="checkbox"/> | Visual/dimensional | <input type="checkbox"/> |
| | DS-1 Cat 3-5 | | <input type="checkbox"/> | APIRPTG-2 | <input type="checkbox"/> | Other |
| | | | | | Customer procedure | <input type="checkbox"/> |

Buffed outside diameter, threads and seals.

Carried out above inspection.

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|-------------------------------|-------------|------|
| RESULTS: | Serviceable | |
| Connection | PIN | NC50 |
| Outside Diameter | 6-23/32" | |
| Internal Diameter | 3-9/16" | |
| Tong Space | 40-3/4" | |
| Pin Length | 4-13/32" | |
| Bevel Diameter | 6-5/16" | |
| Stress Relief Groove Diameter | NA | |
| Stress Relief Groove Width | NA | |
| Counter Bore Diameter | | |
| Counter Bore Depth | | |
| Bore Back Cylinder Length | | |
| Bore Back Diameter | | |

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|-------------------------------|-------------|------|
| RESULTS: | Serviceable | |
| Connection | BOX | NC46 |
| Outside Diameter | 6-3/8" | |
| Internal Diameter | | |
| Tong Space | 46.0" | |
| Pin Length | | |
| Bevel Diameter | 6-1/32" | |
| Stress Relief Groove Diameter | | |
| Stress Relief Groove Width | | |
| Counter Bore Diameter | 4-7/8" | |
| Counter Bore Depth | 23/32" | |
| Bore Back Cylinder Length | NA | |
| Bore Back Diameter | NA | |

No relevant indications were observed at the time of inspection.

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| COMMENTS: | Post re-work of Box |
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NOTE: IF API TOLERANCES DO NOT PERMIT, MORE EXTENSIVE REPAIRS MAY BE REQUIRED

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| INSPECTOR | Kane McIsaac | DATE INSPECTED | 9 th May 2014 |
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