



# Daily Completion and Workover

## PARA ET AL LIARD K-29A

**Rig: Savanna Well Servicing**

**Business Unit: NE BC & NWT COU**

Report Date: 9/19/2013

Report #: 7.0

Total AFE Amount: 1,145,300.00

AFE Number: 13N370094

Daily Cost Total: 88,625

Cum Cost to Date: 675,339

|                             |                             |                       |  |
|-----------------------------|-----------------------------|-----------------------|--|
| API/UWI<br>300K296030123300 | Surface Legal Location      | Field Name<br>LIARD   | License #<br>0001861                       |
| Well Configuration Type     | Casing Flange Elevation (m) | Ground Elevation (m)  | Original KB Elevation (m)<br>409.60 418.80 |
| Last Casing String          | PBTD (All) (mKB)            | Casing Pressure (kPa) | Tubing Pressure (kPa)                      |

### Objective

Suspend Nahanni interval eliminating pressure build-up. Set well up for future access to uphole intervals.

### Operations Summary

HSE reports no incidents or accidents reported. Held a pre-job safety meeting/hazard assessment with all personnel on location, all safety concerns discussed. Discussed the ERP procedures for this location. Discussed operations and procedures related to loading barge with remaining equipment.

### Operations Next Report Period

|                        |                                      |  |          |
|------------------------|--------------------------------------|--|----------|
| Road Condition<br>Fair | Weather<br>Cloudy                    | Start Date<br>9/13/2013                    | End Date |
| Head Count<br>32.0     | Personnel Total Hours (hr)<br>384.00 | Cum Personnel Total Hours (hr)<br>2,808.00 |          |

### Daily Contacts

| Title             | Job Contact   | Mobile       |
|-------------------|---------------|--------------|
| Office Supervisor | Lionel Larson | 587-777-4526 |
| HSE Advisor       | Milo Gloss    | 403-536-9852 |
| Day Supervisor    | Stephen Baggs | 403-910-0347 |
| Rig Manager       | Ehren Getz    | 780-513-2432 |
| Night Supervisor  | Darrin Carver | 403-350-1452 |

### Time Log

| Start Time | End Time | Dur (hr) | Cum Dur (hr) | Com  |
|------------|----------|----------|--------------|--|
| 00:00      | 06:00    | 6.00     | 6.00         | Continued to standby for night operations to commence in full. |
| 06:00      | 06:30    | 0.50     | 6.50         | Reviewed operations, turned location over to day supervisor.   |

### Report Fluids Summary

| Fluid | To well (m³) | From well (m³) | Cum from Well (m³) | Left to recover (m³) |
|-------|--------------|----------------|--------------------|----------------------|
|       |              |                |                    |                      |

### Perforations

| Date | Zone | Top (mKB) | Btm (mKB) | Current Status |
|------|------|-----------|-----------|----------------|
|      |      |           |           |                |

### Tubing Components

| Item Des | Top (mKB) |
|----------|-----------|
|          |           |

### Casing Strings

| Csg Des      | Grade          | Wt/Len (kg/m) | Set Depth (mKB) |
|--------------|----------------|---------------|-----------------|
| Surface      | K-55           | 101.195       | 529.00          |
| Intermediate | L-80 Hydri 563 | 43.157        | 2,500.00        |



# Daily Completion and Workover

## PARA ET AL LIARD K-29A

Rig: Savanna Well Servicing

Business Unit: NE BC & NWT COU

Report Date: 9/18/2013

Report #: 6.0

Total AFE Amount: 1,145,300.00

AFE Number: 13N370094

Daily Cost Total: 70,993

Cum Cost to Date: 567,539

|                             |                             |                       |                           |
|-----------------------------|-----------------------------|-----------------------|---------------------------|
| API/UWI<br>300K296030123300 | Surface Legal Location      | Field Name<br>LIARD   | License #<br>0001861      |
| Well Configuration Type     | Casing Flange Elevation (m) | Ground Elevation (m)  | Original KB Elevation (m) |
| Last Casing String          | PBTD (All) (mKB)            | Casing Pressure (kPa) | Tubing Pressure (kPa)     |

**Objective**

Suspend Nahanni interval eliminating pressure build-up. Set well up for future access to uphole intervals.

**Operations Summary**

HSE reports no incidents or accidents reported. Held a pre-job safety meeting/hazard assessment with all personnel on location, all safety concerns discussed. Discussed the ERP procedures for this location. Discussed operations and procedures related to drilling out surface plug.

**Operations Next Report Period**

|                        |                   |                                      |  |
|------------------------|-------------------|--------------------------------------|--|
| Road Condition<br>Fair | Weather<br>Cloudy | Start Date<br>9/13/2013              | End Date                                   |
| Head Count             | 32.0              | Personnel Total Hours (hr)<br>384.00 | Cum Personnel Total Hours (hr)<br>2,424.00 |

**Daily Contacts**

| Title             | Job Contact   | Mobile       |
|-------------------|---------------|--------------|
| Office Supervisor | Lionel Larson | 587-777-4526 |
| HSE Advisor       | Milo Gloss    | 403-536-9852 |
| Day Supervisor    | Stephen Baggs | 403-910-0347 |
| Rig Manager       | Ehren Getz    | 780-513-2432 |
| Night Supervisor  | Darrin Carver | 403-350-1452 |

**Time Log**

| Start Time | End Time | Dur (hr) | Cum Dur (hr) | Com  |
|------------|----------|----------|--------------|--|
| 00:00      | 06:00    | 6.00     | 6.00         | Continued to standby for operations to commence in full.     |
| 06:00      | 06:30    | 0.50     | 6.50         | Reviewed operations, turned location over to day supervisor. |

**Report Fluids Summary**

| Fluid | To well (m³) | From well (m³) | Cum from Well (m³) | Left to recover (m³) |
|-------|--------------|----------------|--------------------|----------------------|
|       |              |                |                    |                      |

**Perforations**

| Date | Zone | Top (mKB) | Btm (mKB) | Current Status |
|------|------|-----------|-----------|----------------|
|      |      |           |           |                |

**Tubing Components**

| Item Des | Top (mKB) |
|----------|-----------|
|          |           |

**Casing Strings**

| Csg Des      | Grade           | Wt/Len (kg/m) | Set Depth (mKB) |
|--------------|-----------------|---------------|-----------------|
| Surface      | K-55            | 101.195       | 529.00          |
| Intermediate | L-80 Hydril 563 | 43.157        | 2,500.00        |