

WELL: Para et al Cameron O-19

ACTIVITY: ACW

Reviewer: Saadat Javeed

Signature: *S.Javeed*

Date Received: 7 AUG 2012

Date Approved: 10 AUG 2012

D Introduction

1 Summary; purpose, name operation and contractor, resume operations, zones penetrated and results

2 Location map

*Well Abandonment*E General Data

1 Well name, land title number, federal designation w/unit, section and grid number

2 Surveying system

3 Unique well identifier

4 Name of drill unit, type or class, registry, year built and shipyard *Service Rig Nabals Shetah #414*

*NA* 5 Method used to maintain unit on location

*NA* 6 Name, type and owner of support ships and aircraft

*NA* 7 Graphs of prevailing weather, sea conditions and wave period. Vessel performance in response to said conditions on same time scale as first graph. Emphasis should be on peak periods

*NA* 8 Problems summary - description of problems not directly associated with downhole operations

9 Cost - total well cost *\$221,545.00*

*NA* 10 Final survey plan - signed by company representative and a Canada Land Survey representative

11 Final well stick diagram

*NA* 12 Tour Sheets

13 Daily Completion/Workover Reports

14 Well Termination and wellbore schematic

*(Submitted Separately)*F Drilling Operations Summary*No Drilling - Well Abandonment*

1 Elevations - KB, rotary table, sea floor, ground

2 Depths - TD drilled, logged, PBD, Date and time spud, drilling completed, rig release

3 Casing and hole - sizes, depths; size, weight, grade, make, joints, thread type, date and set depth, and volume cement. To include location of shoes, centralizers, scratchers, cement and additives and cement top. Make of wellhead, hangers and seals.

4 Sidetracking operations - details of any; reason, method, and effectiveness

5 Mud system for each segment of hole

6 Fishing operations - explanation, details and list of lost equipment

7 Well control operations - explanation and details of any kicks

8 FLOT's - depth, fluid density, applied pressure, equivalent mud weight and last casing depth

9 Time distribution - table of hours from spud to RR

10 Deviation survey - plan view w/ respect to wellhead

11 Abandonment plugs - table summary; depths, remaining fluid and type

12 Drillers log showing ROP, major litho units, gas units, shows, cores, bit record, csg points, test intervals and plugs

## Comments / Deficiencies:

*Well abandonment with BP and 10m cement plug. cut n capped 1.5m below Surface.*

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## **G Casing Summary**

Casing Type Choices - 1Caisson, 2Conductor, 3Intermediate, 4Liner, 5Production, 6Surface, 7Other

Cement Type Choices 1Common Construction, 2Arctic Set, 3Special Construction, 4High early strength,

<sup>5</sup>Coarse grind - retarder, <sup>6</sup>Fill-Lite 100, <sup>7</sup>Basic - no chem retarder, <sup>8</sup>Basic course grind - no chem retarder.

<sup>14</sup>Standard Oilwell Grade, <sup>15</sup>Thermal, <sup>16</sup>Other, <sup>17</sup>Radial Fibrous Calcite, <sup>9</sup>Resists strength retrogression

<sup>10</sup>Permafrost, <sup>11</sup>Portland Normal, <sup>12</sup>Polar Set, <sup>13</sup>Thixotropic,

## H Plug Summary

## Well abandonment

Well Plug Type	Plug Top (m KB)	Plug Bottom (m KB)	Cement (m <sup>3</sup> )
BP	144.85	1445.2	
Cement	144.85	1434.85	10m

Plug Type Choices - 1Bridge, 2Cement, 3Other, 4Cement Retainer, 5Unknown

## I Formation Leak Off Test

**Comments / Deficiencies:**

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Final well documents should be passed to all technical experts on this checklist and then returned to the data coordinator.

\*\*\*Approval acknowledges the existence, adequacy and appropriateness of the submitted information\*\*\*

RDIMS 278114