AADE Operator’s Forum
ConocoPhillips Alaska, Inc.

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CPA Drilling and Wells
Alaska Drilling & Wells – North to the Future

Drill-Site 2S - Sharktooth

Doyon 25

Doyon 141
Deliver World Class Safety Performance

- Best Ever TRIR
- Positive Contribution to all Safety Stats for both BU and Region
- Strong Field Ownership of Safety Program
2015 D&W Operational Performance Review

D&W 2015 Performance Snapshot

- Exceeded well delivery commitments for 2015
  - GKA & WNS Rotary exceeded target wells by +2 (30 total)
  - RWO exceeded target wells by +4 (54 total)
  - CTD exceeded target wells by +3 (19 total)

- Performed well against AFE time/cost estimates
  - Within the ±10% target band all year – and finished below

- All rigs met controllable Trouble-Time targets

2015 Well Delivery Results, by Team

2015 D&W Trouble-Time, by Team
WNS Rotary Performance Snapshot

- WNS delivered all budgeted wells for 2015
- All CD5 wells were delivered under AFE time/cost
- Exceeding 20% trouble-time target – 15.5% YTD
- First oil from CD5 – October 27, 2015
- Employed new drilling practices, which enabled 11 successful casing runs through the shales

2015 WNS Rotary Time Breakdown
GKA Rotary Performance Snapshot

- GKA delivered 21 wells vs 19 planned
- Besting 20% trouble-time goal – 16.2% YTD
- 1D-143 West Sak quad-lateral (1H NEWS prototype)
- First oil from Sharktooth – October 8, 2015
**2015 D&W Operational Performance Review**

**CTD Performance Snapshot**
- Delivered 19 wells (record) vs budget of 16
- Delivered better than AFE time/cost estimates
- Trouble time just above goal 21% vs 20% goal
- Set footage, lined footage, and ROP records

![A Sand ROP (ft/day)](chart1)

![2015 CTD Delivery](chart2)
RWO Performance Snapshot

- RWO exceeded budgeted wells (+4 over plan)
- Performing well against AFE time/cost estimates
  - ~13% over AFE days (historical average 18%)
- CTD Set-Ups, Subsidence W/O and Tubing Swaps
# 2016 Pillar Goals – Grow Production

## Grow Production
Champion: Chip Alvord

### Goals

**Deliver Drilling & Wells program:**
- WNS Rotary
- GKA Rotary
- Coiled Tubing Drilling
- Rig Workovers
- Capital Stimulation
- Exploration

**Deliver project milestones:**
- 1N/P NEWS
- 3R Expansion
- GMT2
- Exploration

**Deliver NSOD rig fleet key milestones on schedule**

<table>
<thead>
<tr>
<th>Measure</th>
<th>Target</th>
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<tbody>
<tr>
<td>Wells delivered</td>
<td>11 (WNS Rotary)</td>
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<td>14 (GKA Rotary)</td>
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<td>20 (CTD)</td>
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<td></td>
<td>32 (RWO)</td>
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<td>17 (Cap Stimulation)</td>
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<td>2 (Exploration)</td>
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<td>Milestone execution</td>
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<td>FEL 1 (3R Expansion)</td>
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<td>Milestone execution</td>
<td>FEL 2 (GMT2)</td>
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<td>FEL Gates (Exploration)</td>
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<td>Milestone execution</td>
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Rig Expansion Program

Doyon 142

- Transportation phase completed.
- Rig up on NS ongoing. COP supervisors on site. Engines synchronized & mast raised: 12/9.
- Expected acceptance: End of Feb.

Project progress by phase (11/27)

Nabors CDR3

- COPA – Management visit to Greenberry/NAD (12/1).
- Fab & Construction activities by subcontractors are nearing completion.
- Greenberry/NAD – Rig up ongoing. Barge contract negotiations ongoing.
- Expect Start-up 3Qtr 2016
Impactful Technologies: MPD

- Managed Pressure Drilling (MPD)
  - 1st global rotary drilling operation (NSOD) with automated MPD system run by the rig crews
  - Use to mitigate shale stability and narrow pore pressure/frac gradient windows with 100% success rate to date
  - Delivering wells that were not previously able to complete
Questions?

<table>
<thead>
<tr>
<th>RateIt</th>
<th>evaluate</th>
<th>Service Provider performance &amp; overall service quality</th>
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<tbody>
<tr>
<td>Well Name:</td>
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<td>NPT Cost:</td>
<td>Initial Due Date:</td>
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Describe the circumstances that lead to the non-productive time or subpar performance associated with the above listed service.

Service Provider Response

ROOT CAUSE - provide results from any analysis or diagnostics performed.

CORRECTIVE ACTION - provide steps taken to avoid recurrence.

Email to RateIt Coordinator

NPT Cost: Extended Due Date: <= To be determined by RateIt Coordinator