AADE Operators Forum
ConocoPhillips Alaska Inc.

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CPA Drilling and Wells
2016 – Meeting the Challenging Environment Head-on

- Zero significant process safety events, NOVs, & a record-low TRIR
- Delivered 97.3% on planned wells in spite of uncertain rig schedule
- Successfully executed two complex pad drilling programs – DS2S (GKA) & CD5 (WNS)
- Two new-build rigs delivered & started-up on or below time/cost commitments
- Pushing the technical limit with multi-laterals, ERD, and world-first technology trials
2016 Performance Snapshot – WNS Rotary

WNS Rotary Performance Snapshot

- Successful completion of original CD5 program - 5 months ahead of schedule
- Delivered 12 of 13 planned wells for 2016
- Early completion of original CD5 program & began CD5X 19-well multi-lateral campaign
- Successful exploration program that led to announcement of the Willow discovery
GKA Rotary Performance Snapshot

- Delivered the Sharkstooth project ahead of schedule and under budget
- Delivered all 11 planned wells
- Overcame several rig swap challenges
- MPD critical for shale & 8,000’ laterals and Elevated pore pressures (10.7-12.3 ppg)
CTD Performance Snapshot

- Delivered the reservoir footage with 19 wells
- Delivered better-than-AFE on cost
- First CTD Workover with CDR2 2M-06
- Nabors CDR3 Successfully Started up in Sept 2016

2016 CTD Delivery

- Nabors CDR2
- Nabors CDR3
- 2016 Plan
- Delivered

Cumulative CTD wells

0 7 14 21
Jan-16 Feb-16 Mar-16 Apr-16 May-16 Jun-16 Jul-16 Aug-16 Sep-16 Oct-16 Nov-16 Dec-16
Nabors CDR2 Nabors CDR3 2016 Plan Delivered
30-06 & 3Q-13 3N-05 & 1G-11 3G-04 & 2K-25 1H-10 3H-20 1L-13 1L-24 & 1L-18 1L-17 3F-12 2M-08 & 28-02 2K-11 18-18 2K-13 & 1H-16
2016 Performance Snapshot – RWO & Completions

**RWO/Completions Performance Snapshot**

- Great operational performance to deliver all scopes on time & budget
- Stim performance exceeded expectations
- 6 CD5 Fracs, 7 2S Fracs 800Mlbs to 1,500Mlbs multistage
- Successful casing patch on CD5-99; adjusting fracs to accommodate casing wear

![Graph showing 2016 RWO Delivery with Workovers completed per month and cumulative RWO. The graph includes data points for each month from Jan-16 to Dec-16, with labels for specific projects like 1A-27, 2D-08, 3C-15, 4L-15, etc. The graph also shows the comparison between 2016 Plan and Delivered performance.]
<table>
<thead>
<tr>
<th>Goals</th>
<th>Measure</th>
<th>Target</th>
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<tbody>
<tr>
<td><strong>Deliver Drilling &amp; Wells program:</strong></td>
<td>Wells delivered</td>
<td>9 (WNS Rotary)</td>
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<tr>
<td>• WNS Rotary</td>
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<td>9 (GKA Rotary)</td>
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<tr>
<td>• GKA Rotary</td>
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<td>20 (CTD)</td>
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<tr>
<td>• Coiled Tubing Drilling</td>
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<td>~ 4 Month RWO</td>
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<tr>
<td>• Rig Workovers</td>
<td></td>
<td>8 (Cap Stimulation)</td>
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<td>• Capital Stimulation</td>
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<thead>
<tr>
<th>Deliver project milestones:</th>
<th>Milestone execution</th>
<th>FEL 1/2 (West Sak Expansion)</th>
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<tbody>
<tr>
<td>• West Sak Expansion</td>
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<td>FEL 3 (GMT2)</td>
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<td>• GMT2</td>
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<td>FEL Gates (Exploration)</td>
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<td>• Exploration</td>
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<th>Deliver NSOD rig fleet key milestones on schedule</th>
<th>Milestone execution</th>
<th>TBD</th>
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1H NEWS Producer Schematic

[Diagram of wellhead and tubing head/ tree, 13-3/8" x 4-1/2", 5,000 psi]

- Insulated conductor casing, 30'-0", 135 x 30", 3.5", 0.513 WT @ 2'-0" MD
- Wellhead/tubing head/ tree, 13-3/8" x 4-1/2", 5,000 psi
- Tubing string: 4-1/2", 12.46 L, 80, BTCM, 5.20" OD connections
- 3.875" nipple set @ 500'
- Gas lift manifold, 4-1/2" x 1" w/dummy valve
- Gas lift manifold, 4-1/2" x 1" w/dummy valve (<70 deg)
- Down hole gauge
- WL ESP
- Tubing seal assembly

[Legend with various well completions and pressures]

[Top of Upper C @ 3,975 MD / 3,861 TVD]

[Top of West Sakt. D @ 5,224 MD / 3,796 TVD]

[Top of West Sakt. B @ 5,644 MD / 3,854 TVD]

[Top of West Sakt. A4 @ 5,642 MD / 3,854 TVD]

[Top of West Sakt. A3 @ 5,318 MD / 3,859 TVD]

[Top of West Sakt. A2 @ 6,219 MD / 3,889 TVD]

[ConocoPhillips logo and page number 8]