

Asset	Land East Hub	Field	AGBADA
Meeting	Risk Assessment for Agbada Wells		
Date	11/10/2018		
Attendees	Reviewers	Attendees	
	<ul style="list-style-type: none">• Taiger, Diepereye (Central Well Integrity/PT)• Ajaraogu Benjamin (Well Integrity Advisor, SPDC WRFM)• Nwoke, Linus (Snr PT /WRFM FP, SPDC WRFM)	<ul style="list-style-type: none">• Nongo, Boniface (WRFM Lead LEH)• Erivona, Gloria (FMT Lead, ImoR / WIFP)• Ezeike, Emeka (Oil Portfolio ODL, Land)• Ebogomo, Noah (Production Technologist/WIFP)• Kalio, Samuel (Field Team Leader (Ops), Agbada)• Abadebenhan, Nelson (Well Intervention Advisor)• Agbeyi, Happy (Team Lead, Asset Interface)• Humphrey Onye, Blessing (Field Supervisor)	
Objectives	The objectives of the meeting are as listed below: <ul style="list-style-type: none">• To agree on a forward plan to fix the issues and assign appropriate action codes to the wells.		
Key Messages or Highlights (Summary of Decisions)	The AGBD011, 040, 044 & 059 were classified as medium risk.		

AGBD011

Background

- The well was completed in Dec 2002 as a single string on the D6.0 Reservoir.
- Well is still flowing, last recorded production was 650 bopd, BSW 36%, THP of 377 psi on bean 32/64th (Sep 2018).
- Last Cmb-WIT&SIT was in July 2018 recorded failures - SV, SSV, UMW, LMV, SSSV
- The well is caged (nonintrusive detective device)

RAM for AGBD011 - Medium Risk

← Severity	Consequences				Increasing likelihood →				
	People	Assets	Community	Environment	A	B	C	D	E
					Never heard of in the industry	Heard of in the industry	Has happened in the Organisation or more than once per year in the Industry	Has happened at the Location or more than once per year in the Organisation	Has happened more than once per year at the Location
0	No injury or health effect	No damage	No effect	No effect					
1	Slight injury or health effect	Slight damage	Slight effect	Slight effect					
2	Minor injury or health effect	Minor damage	Minor effect	Minor effect				A-2D	
3	Major injury or health effect	Moderate damage	Moderate effect	Moderate effect			P-3C		
4	PTD or up to 3 fatalities	Major damage	Major effect	Major effect		C-4B E-4B			
5	More than 3 fatalities	Massive damage	Massive effect	Massive effect					

- The risk to people (health effect/injury) is rated **P-3C** because during well head visitations there is possibility of a reversible health effect should the top event occur considering that there is a sentry post close to the well location.
- Risk to the asset (damage or complete loss) is rated (**A-2D**). Damage resulting from the leak and possible fire can result to damage of wellhead, Xmas tree, surface equipment and flowline (0.1-1.0 million USD)
- Risk to the community is rated (**C-4B**). This could be in form of poor community relations or issues with key stakeholders due to leak/spill of hydrocarbons from the well.
- Risk to the environment is rated (**E-4B**). Limited damage to the environment that will persist or require cleaning-up

Recommendation and mitigating actions for AGBD011

- Continue Enhance surveillance around the AGBD011 – Prod. Ops.
- Prioritize spare parts once available, and repair faulty well accessories – CWI.

AGBD040

Background

- The well was initially completed in August 1982 as a TSD on the D5.2 and D7.0 sands. Both intervals were gravel packed.
- Both arms of the well are still flowing.
- Last recorded production on the SS is 347 bopd, BSW 54%, THP of 247 psi on bean 64/64th (Aug 2018)
- Last recorded Production on the LS is 182 bopd, BSW 57%, THP of 174 psi on bean 48/64th (Aug 2018).
- Last Cmb-WIT&SIT was in May 2018 recorded failures - SV, FWVI, LMV, SSV, SSV2, SV2, FWVI2, UMV2, LMV2.
- The SSSV & SSSV2 are functional, but well is not caged.

AGBD044

Background

- The well was initially completed in July 1981 as a TSD on the D2.0 and D4.0 sands.
- The Short string is still flowing, last recorded production is 386 bopd with 61% BSW, THP of 319 psi on bean 36/64th (May 2018).
- The Long String quit on HBS&W in Nov. 2015. The last recorded production was 45 bopd, BSW of 91% water cut, THP of 203 psi on bean 64/64th (Nov 2015). It was secured with NRV in and XMT cap flang in April 2018.
- Last Ops WIT (Jan 2018) & Cmb-WIT&SIT (Apr 2018) recorded failures – SV, FWVI, & SSSV, SV2.
- The well is not caged.

AGBD059

Background

- The well was initially completed in March 1991 as a TSD on the D7.0 and D4.0 sand.
- Both arms of the well are still flowing.
- Last recorded production on the SS is 268 bopd, 76% BSW, THP of 290 psig on bean 36/64th (Aug 2018)
- Last recorded Production on the LS is 242 bopd, 71% BSW, THP of 377 psig on bean 32/64th (Aug 2018).
- Last Cmb-WIT&SIT was in May 2018 recorded failures - SSV, SSV2 & SSSV2.
- The well is caged (nonintrusive detective device).

RAM for AGBD040, 044, & 059 - Medium Risk

← Severity	Consequences				Increasing likelihood →				
	People	Assets	Community	Environment	A	B	C	D	E
					Never heard of in the industry	Heard of in the industry	Has happened in the Organisation or more than once per year in the Industry	Has happened at the Location or more than once per year in the Organisation	Has happened more than once per year at the Location
0	No injury or health effect	No damage	No effect	No effect					
1	Slight injury or health effect	Slight damage	Slight effect	Slight effect					
2	Minor injury or health effect	Minor damage	Minor effect	Minor effect			C-2C E-2C	A-2D	
3	Major injury or health effect	Moderate damage	Moderate effect	Moderate effect			P-3C		
4	PTD or up to 3 fatalities	Major damage	Major effect	Major effect					
5	More than 3 fatalities	Massive damage	Massive effect	Massive effect					

- The risk to people (health effect/injury) is rated **P-3C** because during well head visitations there is possibility of a reversible health effect should the top event occur considering that there is a sentry post close to the well location.
- Risk to the asset (damage or complete loss) is rated **(A-2D)**. Damage resulting from the leak and possible fire can result to damage of wellhead, Xmas tree, surface equipment and flowline (0.1-1.0 million USD)
- Risk to the community is rated **(C-2C)**. This could be in form of poor community relations or issues with key stakeholders due to leak/spill of hydrocarbons from the well.
- Risk to the environment is rated **(E-2C)**. Limited damage to the environment that will persist or require cleaning-up

Recommendation and mitigating actions for AGBD040, 044 & 059

- Continue Enhance surveillance around the AGBD040, 044 & 059 – Prod. Ops.
- Prioritize spare parts once available, and repair faulty well accessories – CWI.