


<div><div>NEWPARK FLUIDS SYSTEMS</div></div> <div>WATER BASED MUD Daily Operation Report</div>	Date	3/10/2023	Section name		8 1/2" Section														
	Report	11	Report Depth		m	1426	MDBRT	1388	TVDBRT										
	Rig Name / #	469	Prev Report Depth		m	1243	MDBRT	1213	TVDBRT										
	Mud Ops start date		Daily metres drilled		183	Report time		23:59 Hr											
	Spud date		Section metres drilled		817	Avg ROP	12.2	m/hour											
	RT-Ground Level m		Report time activity		Drilling														
OPERATOR			Tamboran Resources			CONTRACTOR			H & P										
REPORT FOR			Maurice Verkerk			REPORT FOR			Joseph Stowell										
WELL NAME AND No.			Amungee NW 3H			FIELD		LOCATION		STATE									
						EP 117		Beetaloo Basin		Northern Territory									
BHA	BIT TYPE	JET SIZE		DEPTHS/CASING		MUD VOLUME (BBL)		CIRCULATION DATA											
BIT SIZE (") 8.5	PDC Bit - VAREL	12	12	12	12	22.00	Riser Length	m	PUMP SIZE		CIRCULATION PRESS	psi							
DRILL PIPE SIZE (") 5.5	TYPE DP	LENGTH		1,097 m		Conductor @		0 m	PUMP MODEL Gardner-Denver		% EFFICIENCY 97	SURFACE TO BIT	0 min						
DRILL PIPE SIZE (") 5.5	TYPE HW	LENGTH		215 m		18.625 Surface @		84 m	TOTAL CIRCULATING VOL		BBL / STK	STK / MIN	BOTTOMS UP	0 min					
DRILL COLLAR SIZE (") 6.65	6.5	LENGTH		25 89 m		13.375 Intermediate @		280 m	708		BBL / MIN	GAL / MIN	TOT CIRC TIME	min					
						9.625 Prod. or LNR @		605 m	STORAGE TANKS		0	0	ECD ppg/sg	0					
MUD PROPERTIES												MUD PROPERTY SPECIFICATIONS							
SAMPLE FROM				Pit		Pit						Mud Wt	9.6-9.8	Yld Pt	>14	API Loss	<=12		
MUD TYPE				CL H		CL H						pH	8.5-9.5	MBT	<10	Solids	:=3%		
TIME SAMPLE TAKEN				3:00		8:30						MUD COMMENTS							
DRILLING FLUID TEMPERATURE °C (In/Out)				54	59	56	61					Build 80 bbls premix with 9.4 ppg and transfer across to the active pit.							
TOTAL MEASURED DEPTH (TMD) Metres				1303		1397						Treated active system with 0.5 ppb Newzan to increase 6 rpm. Treated active with							
INCLINATION (Deg)				17		17						Ran NOV centrifuge to cut mud weight from 10 ppg to 9.9 ppg. Minimal solids discharged due to majority of weight from chlorides.							
WEIGHT ppg / SG				9.9	1.19	10.0	1.20					Run water at 2 BPH to hydrate active mud.							
FUNNEL VISCOSITY (sec / qt) API				46		42						OPERATIONAL COMMENTS							
RHEOLOGY 600 : 300 RPM 120 °F / 49 °C				44	30	47	34					Drill ahead 8.5" directional hole with Rotate and Slide as required from 1243 to 1404 m, Moroak fmt. Circulate twice bottoms up. Flow check, static. Pump slug. POOH from 1404 m to surface to pick new 8.5" bit and BHA.							
RHEOLOGY 200 : 100 RPM 120 °F / 49 °C				24	16	28	21					RIH with new bit and drill ahead 8.5" directional from 1404 to 1426 m at midnight report.							
RHEOLOGY 6 : 3 RPM 120 °F / 49 °C				5	4	7	5					Water Source							
PLASTIC VISCOSITY cP @ 120 °F / 49 °C				14		13						Water Bore							
YIELD POINT (lb / 100 ft²) 120 °F / 49 °C				16		21						MUD ACCOUNTING (BBLs)							
GEL STRENGTH (lb / 100 ft²) 10sec/10min/30min				5	13	18	7	19	24					SUMMARY					
LOW SHEAR RATE VISCOSITY (LSRV)				3		3						FLUID BUILT							
n K (lb / 100 ft²)				0.55	0.96	0.47	1.85					FLUID LOSSES							
API FILTRATE (cm³ / 30 min.)				9.4		11.1						Start Vol							
HPHT FILTRATE (cm³ / 30 min.) °F / °C												1166							
API : HPHT (Cake / 32nd in.)				1		1						Drill Water							
pH				9.0		9.5						50							
ALKALINITY MUD (Pm)				0.40		0.45						S.C.E.							
ALKALINITY FILTRATE (Pf / Mf)				0.12	0.5	0.30	1.2					115							
CHLORIDE (mg / L)				65000		60000						Discharge							
TOTAL HARDNESS AS CALCIUM (mg / L)												0							
SULPHITE(mg / L) / CaCO3 (ppb)				5.0		5.0						Backload							
KCL / K2CO3/ K2SO4												0							
K + (mg / L)				0		0						Sump/SeaW							
PHPA (ppb)												0							
METHYLENE BLUE CAPACITY (ppb / % by vol)				7.5	0.8							Downhole							
BENTONITE ADDED (ppb / % by vol)				0.0		0.0						0							
OTHER PRODUCTS ADDED (ppb / % by vol)												Built							
OTHER LIQ PRODUCTS ADDED (ppb / % by vol)												0							
Glycol % v/v				1.2		1.1						Other Rec'd							
OIL (% by Vol)				0.0		0.0						0							
TOTAL WATER (% by Vol)				91.0		90.8						Tripping							
TOTAL SOLIDS (% by Vol)				9.0		9.2						0							
SAND (% by Vol)				0.1		0.25						Lost sub							
												0							
												Lost srf							
												115							
												TOTAL MUD ON RIG (bbls) : 1111							
PRODUCT USAGE						SOLIDS CONTROL EQUIPMENT						Time Breakdown							
Product	UnitSize	Start	Received	Used	Close	Type	Hrs	OF	UF	Analysis Item		Hrs							
NewZan D	25Kg	273	0	9	264	Centrifuge 1	10	9.4	17.6	Drilling		15							
CleanTrol HD	22.7Kg	740	0	8	732					Circulation		1							
Lime 25 Kg	25Kg	38	0	8	30					Flow check									
Magnesium Oxide	20Kg Sack	362	0	4	358					Tripping		4							
Barite BB 1.5MT - Darwi	1500Kg	41	0	2	39	Shale Shaker #1	4x170	15		M/U BHA		4							
AvaGlyco LC	208Ltr	79	0	1	78	Shale Shaker #2	4x170	15											
Caustic Soda	25Kg Drum	40	0	1	39	Shale Shaker #3	4x170	15	SOLIDS ANALYSIS										
Idcide-G50	20Ltr	70	0	1	69				Salt %	3.4	HGS %	2.6	Turbidity (NTU)	0					
NDFT 325	208Ltr	7	0	1	6						LGS %	3.2	TSS %	0					
									Corrected Solids %	5.8	Drilled Solids%	2.7	Conduct. (uS/cm)						
													DO mg/l	0					
						CURRENCY		DAILY COST		CUMULATIVE COSTS									
						AUD		\$10,759.00		\$113,696.50									
Newpark Engineer:						Nicholas Doust		Budi Tjahyono		Office: 0488013339		Telephone: 0894108202		Fax: 0894108200					

DAILY MUD VOLUME ACCOUNT

Date : 3/10/2023
Report No: 11

Well Name: Amungee NW 3H
Operator : Tamboran Resources

FLUID BUILT		DAILY	CUMULATIVE	FLUID LOSSES:		DAILY	CUMULATIVE
Premix drill water		50 bbl	11691 bbl	Losses Attributed To Shakers:		79 bbl	379 bbl
Chemical Volume added		10 bbl	133 bbl	Losses To Centrifuge:		36 bbl	68 bbl
Sump recycled water				Losses To Desander/Desilter:			179 bbl
Seawater				Losses To Cutting Dryer/Mud Cleaner:			
Other Received on Rig				Losses To Tripping:			
Other Built				Discharged:			
TOTAL BUILT:		60 bbl	11824 bbl	Other Surface Losses:			
				Surface Losses Subtotal:		115 bbl	626 bbl
WHOLE MUD TRANSFERS ON/OFF		DAILY	CUMULATIVE				
DAILY BACKLOADED:		0		Seepage Losses:	<input type="text"/> BBL/HR For <input type="text"/> hr		
DAILY RECEIVED:		0	770	Lost Circulation:			10337
Cuttings Volume:				Lost Behind Casing/Left Downhole:			
				Other Sub-Surface Losses:			
				Sub-surface Losses Subtotal:		0 bbl	10337 bbl
				TOTAL DISPOSED:		115 bbl	10963 bbl
				Interval losses (bbl/m) :		4	41

TANK STORAGE VOLUMES

Tank Name	Tank Status	Current	Tank Volumes (bbls)				Comments
			Capacity	MW	(ppg)	MW(sg)	
Sandtrap	Active	24	77	9.85	1.18		CleanTroll HD
Degasser	Active	17	77	9.85	1.18		CleanTroll HD
Desilter	Active	17	77	9.85	1.18		CleanTroll HD
Backflow	Active	17	77	9.85	1.18		CleanTroll HD
Tank#1	Active	65	100	9.85	1.18		CleanTroll HD
Tank#2	Active	65	100	9.85	1.18		CleanTroll HD
Tank#3	Active	64	100	9.85	1.18		CleanTroll HD
Suction#1	Active	61	100	9.85	1.18		CleanTroll HD
Suction#2	Active	59	100	9.85	1.18		CleanTroll HD
Suction#3	Reserve	18	100	9.8	1.17		CleanTroll HD
Slug	Reserve	25	100	12	1.44		CleanTroll HD
T/T-1	Active	18	35	9.85	1.18		CleanTroll HD
T/T-2	Active	18	35	9.85	1.18		CleanTroll HD
Frac Tank-1	Reserve	360	450	10.6	1.27		CaCl2 Brine
Frac Tank-2	Reserve	0	450				
Frac Tank-3	Reserve		450				

VOLUME SUMMARY:

	+	-
Starting Volume:	1166	
Current Tank Volume:	425	
Mud Volume In Hole(Incl Ri	283	
Other Volume In Hole:		
Riser Volume:		
Total Hole Volume:	334	
Total Built:	60	
Total Storage:		
Total Reserve:	403	
Total Disposed:		115
Whole Mud Backloaded:		
Whole Mud Received:		
TOTAL MUD AT RIGSITE	1111	bbls

VOLUME BREAKDOWN

FLUID TYPE VOLUME BREAKDOWN 24hr Consumption		
	0	
CACL2 BRINE	360	
CLEANTROL HD	79	
CLEANTROLL HD	389	

Daily Inventory

Report No: 11

Well: Amungee NW 3H

Report Date: 3/10/2023

Product	Unit Size	Start Amnt	Daily Rec'd	Cumul Rec'd	Daily Used	Cumul Used	Daily B'Load	Cumul B'Load	Final Stock
Alpine Spotting Beads	50lb	252		252					252
Ancor 1 (190 Lt)	190Ltr	24		24					24
AvaGlyco LC	208Ltr	79		87	1	9			78
Barite BB 1.5MT	1500Kg	16		20		4			16
Barite BB 1.5MT - Darwin	1500Kg	41		53	2	14			39
CaCl2 - Prills - bb	1000Kg	173		195		22			173
Caustic Soda	25Kg Drum	40		42	1	3			39
Citric Acid	25Kg Sack	138		138					138
CleanTrol HD	22.7Kg	740		829	8	97			732
DEFOAM AP 400	25Ltr	50		50					50
Desco CF	25lb	16		16					16
Dynafiber AP Fine	11.34Kg	246		246					246
Dynafiber AP Medium	11.34Kg	283		288		5			283
Dynafibre AP Coarse	11.34Kg	48		48					48
Idcide-G50	20Ltr	70		80	1	11			69
JK-161 LV	25Kg	77		85		8			77
KCL (L)	1000Kg Bulk Bag	24		31		7			24
Lime 25 Kg	25Kg	38		38	8	8			30
Magnesium Oxide	20Kg Sack	362		374	4	16			358
NDFT 325	208Ltr	7		7	1	1			6
NewPac LV 25 Kg	25Kg	153		180		27			153
NewSeal 25	25Kg	119		119					119
NewZan D	25Kg	273		323	9	59			264
Omyacarb 2 (bb)	1000Kg	75		75					75
Omyacarb 5 (bb)	1000Kg	18		18					18
Radiagreen EME	175Ltr	20		20					20
Salt 1000 Kg BB	1000Kg	4		4					4
SAPP	25Kg Sack	48		48					48
Soda Ash	25Kg Sack	48		48					48
Sodium Bicarbonate	25Kg Sack	48		64		16			48
Sugar	25Kg Sack	21		37		16			21
TEA (230 KG)	230Kg	22		22					22
TrueScav HD	25Kg	55		63		8			55
Zinc Oxide 25 Kg	25Kg	21		21					21