


<div><div>NEWPARK FLUIDS SYSTEMS</div></div> <div>WATER BASED MUD Daily Operation Report</div>	Date	27/09/2023	Section name		17 1/2" Section																								
	Report		5	Report Depth	m	283	MDBRT	283	TVDBRT																				
	Rig Name / #		469	Prev Report Depth	m	86	MDBRT	86	TVDBRT																				
	Mud Ops start date			Daily metres drilled		197	Report time	23:59 Hr																					
	Spud date			Section metres drilled		283	Avg ROP	18.8	m/hour																				
	RT-Seabed/Ground	m		Report time activity	run casing and cementing																								
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 (") 17.5	Insert ReedHycaloc	18	18	18	18	0	0	PUMP SIZE x Inches		CIRCULATION PRESS																			
DRILL PIPE SIZE (") 5.5	TYPE DP	LENGTH		0 m		HOLE VOL 279		MUD INHOLE 279		psi																			
DRILL PIPE SIZE (") 5.5	TYPE HW	LENGTH		0 m		Active Pits 377		Reserve Pits 746		PUMP MODEL																			
DRILL COLLAR SIZE (") 9.5	8.25	LENGTH		0 m		TOTAL CIRCULATING VOL 656		BBL / STK		STK / MIN																			
		LENGTH		0 m		STORAGE TANKS 55		BBL / MIN		GAL / MIN																			
		LENGTH		0 m				0		0																			
MUD PROPERTIES												MUD PROPERTY SPECIFICATIONS																	
SAMPLE FROM				Pit		Pit						Mud Wt 3.34-8.66				Yld Pt >14		API Loss <=15											
MUD TYPE				5KBP		5KBP						pH 8.5-9.5				MBT <10		Solids <=3%											
TIME SAMPLE TAKEN				2:00		21:00						MUD COMMENTS																	
DRILLING FLUID TEMPERATURE °C (In/Out)				36		37		28						Will build hivis from fresh water with NewZan D at 2.75 ppb concentration.															
TOTAL MEASURED DEPTH (TMD) Metres				65		0						Received 100MT calcium chloride MO52-56																	
INCLINATION (Deg)												Total downhole lost 9,875 bbls approximately including 660 bbls of KCl/PHPA/Polymer mud																	
WEIGHT ppg / SG				9.0		1.08		8.3+		1.00						Active mud system is now Water													
FUNNEL VISCOSITY (sec / qt) API				43		26																							
RHEOLOGY 600 : 300 RPM °F / °C				40		30																							
RHEOLOGY 200 : 100 RPM °F / °C				25		20																							
RHEOLOGY 6 : 3 RPM °F / °C				8		6																							
PLASTIC VISCOSITY cP @ °F / °C				10																									
YIELD POINT (lb / 100 ft²) °F / °C				20																									
GEL STRENGTH (lb / 100 ft²) 10sec/10min/30min				8		11		15																					
LOW SHEAR RATE VISCOSITY (LSRV)				4																									
n K (lb / 100 ft²)				0.41		2.26																							
API FILTRATE (cm³ / 30 min.)				13.6																									
HPHT FILTRATE (cm³ / 30 min.) °F / °C																													
API : HPHT (Cake / 32nd in.)				1																									
pH				8.5																									
ALKALINITY MUD (Pm)				0.02																									
ALKALINITY FILTRATE (Pf / Mf)				0.01		0.4																							
CHLORIDE (mg / L)				25000																									
TOTAL HARDNESS AS CALCIUM (mg / L)				200																									
SULPHITE(mg / L) / CaCO3 (ppb)																													
KCL (% by Wt.)				5.0																									
K + (mg / L)				27020		0																							
PHPA (ppb)				0.75																									
METHYLENE BLUE CAPACITY (ppb / % by vol)				1.3		0.1																							
BENTONITE ADDED (ppb / % by vol)						0.0																							
OTHER PRODUCTS ADDED (ppb / % by vol)																													
OTHER LIQ PRODUCTS ADDED (ppb / % by vol)																													
Glycol % v/v																													
OIL (% by Vol)				0.0		0.0																							
TOTAL WATER (% by Vol)				97.0		0.0																							
TOTAL SOLIDS (% by Vol)				3.0		100.0																							
SAND (% by Vol)				0.1																									
MUD COMMENTS												Water Source		Water Bor															
OPERATIONAL COMMENTS												MUD ACCOUNTING (BBLs)				SUMMARY													
FLUID BUILT				FLUID LOSSES				Start Vol		1380																			
Drill Water				9897				S.C.E.		0		Received		0															
Chemical				0				Discharge		0		Backload		0															
Sump/SeaW				0				Downhole		9875		Built		9897															
Other Rec'd				0				Tripping		0		Lost sub		9875															
Other Built				0				Other		0		Lost srf		0															
TOTAL MUD ON RIG (bbls) : 1402																													
PRODUCT USAGE						SOLIDS CONTROL EQUIPMENT						Time Breakdown																	
Product		UnitSize		Start		Received		Used		Close		Type		Hrs		OF		UF		Analysis Item		Hrs							
NewZan D		25Kg		303		0		2		301										M/U BHA		3							
CaCl2 - Prills - bb		1000Kg		33		100		0		133										Drill through ce		1							
																				Drilling		10							
																				Trouble shoot D		1							
												Shale Shaker #1		2x80,2x100						Work Tight Spot		2							
												Shale Shaker #2		2x80,2x100						Lay down BHA		4							
												Shale Shaker #3		2x80,2x100						SOLIDS ANALYSIS									
														Salt %		0.0		HGS %		0.0		Turbidity (NTU)		0					
																		LGS %		100.0		TSS %		0					
														Corrected Solids %		100.0		Drilled Solids%		100.0									
																				Conduct. (uS/cm)									
																				DO mg/l		0							
CURRENCY						DAILY COST						CUMULATIVE COSTS																	
AUD						\$621.00						\$26,004.00																	
Newpark Engineer: Nicholas Doust						Budi Tjahyono						Office: 0488013339						Telephone: 0894108202						Fax: 0894108200					

DAILY MUD VOLUME ACCOUNT

Date : 27/09/2023
Report No: 5

Well Name: Amungee NW 3H
Operator : Tamboran Resources

FLUID BUILT		DAILY	CUMULATIVE	FLUID LOSSES:		DAILY	CUMULATIVE
Premix drill water		9897 bbl	10560 bbl	Losses Attributed To Shakers:			82 bbl
Chemical Volume added		0 bbl	29 bbl	Losses To Centrifuge:			bbl
Sump recycled water		bbl	bbl	Losses To Desander/Desilter:			bbl
Seawater		bbl	bbl	Losses To Cutting Dryer/Mud Cleaner:			bbl
Other Received on Rig		bbl	bbl	Losses To Tripping:			bbl
Other Built		bbl	bbl	Discharged:			bbl
TOTAL BUILT:		9897 bbl	10589 bbl	Other Surface Losses:			bbl
				Surface Losses Subtotal:	0 bbl	82 bbl	
WHOLE MUD TRANSFERS ON/OFF		DAILY	CUMULATIVE				
DAILY BACKLOADED:		0	bbl	Seepage Losses:	<input type="text"/> BBL/HR For <input type="text"/> hr		bbl
DAILY RECEIVED:		0	770 bbl	Lost Circulation:		9875 bbl	9875 bbl
Cuttings Volume:			bbl	Lost Behind Casing/Left Downhole:			bbl
				Other Sub-Surface Losses:			bbl
				Sub-surface Losses Subtotal:	9875 bbl	9875 bbl	
				TOTAL DISPOSED:	9875 bbl	9957 bbl	
				Interval losses (bbl/m) :	35	175	

TANK STORAGE VOLUMES

Tank Name	Tank Status	Current	Tank Volumes (bbls)				Comments
			Capacity	MW	(ppg)	MW(sg)	
Sandtrap	Active	22	77	8.34	1		Water
Degasser	Active	15	77	8.34	1		Water
Desilter	Active	15	77	8.34	1		Water
Backflow	Active	17	77	8.34	1		Water
Tank#1	Active	62	100	8.34	1		Water
Tank#2	Active	62	100	8.34	1		Water
Tank#3	Active	62	100	8.34	1		Water
Suction#1	Active	61	100	8.34	1		Water
Suction#2	Active	61	100	8.34	1		Water
Suction#3	Reserve	26	100	8.34	1		KCl/PHPA/Polymer Hivis
Slug	Storage	55	100	10.5	1.26		Spacer
Frac Tank-1	Reserve	400	450	10.3	1.23		CleanDrill HT
Frac Tank-2	Reserve	320	450	10.3	1.23		CleanDrill HT
Frac Tank-3	Reserve		450				

VOLUME SUMMARY:

	+	-
Starting Volume:	1380	
Current Tank Volume:	377	
Mud Volume In Hole(Incl Ri	279	
Other Volume In Hole:		
Riser Volume:		
Total Hole Volume:	279	
Total Built:	9897	
Total Storage:	55	
Total Reserve:	746	
Total Disposed:		9875
Whole Mud Backloaded:		
Whole Mud Received:		
TOTAL MUD AT RIGSITE	1402 bbls	

VOLUME BREAKDOWN

FLUID TYPE VOLUME BREAKDOWN 24hr Consumption		
CLEANDRILL HT	720	
KCL/PHPA/POLYMER HI	26	
SPACER	55	
WATER	377	

Daily Inventory

Report No: 5

Well: Amungee NW 3H

Report Date: 27/09/2023

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	12		12					12
AvaGlyco LC	208Ltr	87		87					87
Barite BB 1.5MT	1500Kg	13		15		2			13
Barite BB 1.5MT - Darwin	1500Kg	11		11					11
CaCl2 - Prills - bb	1000Kg	33	100	133					133
Caustic Soda	25Kg Drum	40		42		2			40
Citric Acid	25Kg Sack	138		138					138
CleanTrol HD	22.7Kg	309		309					309
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	288		288					288
Dynafibre AP Coarse	11.34Kg	48		48					48
Idcide-G50	20Ltr	79		80		1			79
JK-161 LV	25Kg	77		85		8			77
KCL (L)	1000Kg Bulk Bag	24		31		7			24
Lime 25 Kg	25Kg	38		38					38
Magnesium Oxide	20Kg Sack	278		278					278
NDFT 325	208Ltr	7		7					7
NewPac LV 25 Kg	25Kg	153		180		27			153
NewSeal 25	25Kg	80		80					80
NewZan D	25Kg	303		323	2	22			301
Omyacarb 2 (bb)	1000Kg	19		19					19
Omyacarb 5 (bb)	1000Kg	2		2					2
Radiagreen EME	175Ltr	20		20					20
Salt 1000 Kg BB	1000Kg	4		4					4
SAPP	25Kg Sack	48		48					48
Sodium Bicarbonate	25Kg Sack	60		64		4			60
Sugar	25Kg Sack	37		37					37
TEA (230 KG)	230Kg	22		22					22
TrueScav HD	25Kg	61		63		2			61
Zinc Oxide 25 Kg	25Kg	21		21					21