-		MORNIN				sion No. :		8-04		<u>xp. No. :</u>	-					Report No. :	81
Site Name Depth :	C000 : @24:00	2 4,870.5	Hole Name mBRT 2903	C0002 3.0 mbsf	R La Progre	at. <u>33° 18.0</u> ss : 33.0	m		36° 38.2029'E ng/Underreamin			A MART Last BOP PT:	2018	3/12/14	28.5 m Nex		2019/01/04
Depth :	: @06:00 Summary	4,888.0 of Operation				T CASING :	11-3/4" mBRT P:	x 2	,922.50 mbsf(4,890.0	mBRT) Take survey	Last BOP FT: /s. Drill 8-1/2" ho		8/12/22 870 5mF		kt BOP FT: t Glycol 35gal Inj.	2018/12/29 2018/12/25
	esent Operat	ion @ 06:00	on 27-0	Dec :		hole at 4,887		ack on. Rea	in down to 4	,04511101(1)		/3. DHII 0-1/2 110	JIE 10 4,	070.5111	<u>. Last</u>	mBRT: meter belo	w rotary table
From	To	wn (00:00 - : Hrs	Code	26-Dec Depth(mBRT)							Detail of C	peration				mbsf: meter below	/ sea floor
0:00	2:30	2:30	DRL	4,838.0	(00:00-	illing 8-1/2" K -00:15) 4,837	.5-4,838n	nBRT: Slidir	ng Paramete	rs: 0-100kN	I, 450gpm x	16.5MPa (Motor:	: 126rpr	m).			
					(00:15-	-01:00) 4,838	-4,839mE	BRT: Rotatin	g Parameter	rs: 80-100k	N, 450gpm x	15-16MPa, 30-5 -16MPa (Motor:	50rpm x	(11-13ki	Vm.		
2:30	3:00	0:30	SP	4,842.0	Pick up the	string and at	empt to r	otate - string	n stalled Ov	ernull 300k	N and the str	ing released Re	ciproca	ate the st	ring 4 83	8-4,835mBRT u	ntil torque stabilized.
3:00 3:30	3:30 4:15	0:30 0:45	DRL SP	4,843.0 4,843.0	Drill 8-1/2" I Observe inc	Kick off hole f creasing torqu	rom 4,84 ue from 1	2mBRT to 4 2→30kNm a	,843mBRT. and the string	g stalled an	d pack-off at	4,843mBRT. Ob	oserve 1	10MPa re	emaining	pressure after s	topping the pumps.
4:15	14:00	9:45													RT to 4,8	24mBRT.	
		0.10		.,	Reami	ng parameter	s: WOB ()-100kN, 35	0-400-450gr	om x 9-16M	Pa, 20-50rpr	n x 12-30kNm 33-4,838mBRT					
					Attemp pump p	ot to reaming pressure by 4	down with MPa from	n varying pa n normal circ	rameter - the culation pres	e string stal sure.	led out at 4,8	33-4,838mBRT	multiple	e times d	ue to hig	h torque 12-14 -	→ 30kNm and increasing
					Pump	3m ³ of BARO	LIFT and	3m ³ of Frac	seal sweeps	s alternately	every hour.	e % - and decrea	200 012	dually			
	-				1	-14:00) Obsei	ve ceme	ni returns at	snakers - a	pproximate		e % - and decrea	ase gra	dually.		••••••	
	+				Stall at 4.83	4mBRT and i	release b	v pick up wit	th 70kN. Tor	oue and pr	essure (350o	pm x 10MPa =>	13MPa	a) increas	se at the	same time. Stor	pump for work pipe.
					at 4,83	2.5mBRT and	d release	by overpull	370kN. Toro	ue and pre	ssure (400g	om x 12MPa => *	16MPa) increas	e at the s	same time. Stop	pump for work pipe. pump for work pipe. ump for work pipe.
					at 4,83 at 4,83	5mBRT and	a release release b	y overpull 6	200kin . Tor 50kN. Torqu	que and press	essure (350g sure (350gpn	pm x 10MPa => 1 x 10MPa => 12	12MPa) ii 2MPa) ii	ncrease	se at the at the sa	me time. Stop	ump for work pipe.
	÷				at 4,83	6mBRT and i	release b	y overpull 6	50kN. Torqu	e fluctuate	before stall a	nd reduce rotatio ime. Stop pump	on spee	ed (50rpn	n x 8-25k	Nm => 20rpm x	8-30kNm).
					at 4,83	5mBRT and i	release b	y overpull 2	50kN. Torqu	e increase	at the same	ime. Stop pump	for wor	k pipe.			
	+				at 4,83 at 4,83	2.5mBRT and 6mBRT and I	d release release b	by overpull y overpull 40	650kN. Toro J0kN. Torqu	que fluctuat e and stand	e before stall Ipipe pressu	re (450gpm x 151	MPa =>	17MPa) increase	e suddenly.	
					at 4,83	8mBRT and I	release b	y overpull 3	50kN. Torqu	e and stand	pipe pressu	re (350gpm x 11) e increase gradu	MPa =>	13MPa) increase	e suddenly.	
	+				1						anu stanupip	e increase gradu	ually De	iore stail	·····		
14:00	18:30	4:30	DRL	4,858.0	Drill 8-1/2"k Param	ick off hole fr eters: WOB (om 4,843	mBRT to 4,	358mBRT. Japm x 12.0	-14.3-16.4	IPa. 50rpm >	11-14kNm, Ave	ROP 3	3.3m/hr.			
					Pump	3m ³ of BARO	LIFT and	3m ³ of Frac	seal sweep:	s 15min late	er after BAR0	DLIFT every hou	r.				
18:30	19:00	0:30	OTHER	4,858.0	Take a surv	vey at 4,857m	BRT.										
	+				Once r	educe pump	rate to 20	l0gpm, back	pump rate f	to 450gpm t	for survey.						
19:00	22:00	3:00	DRL	4,866.0	Drill 8-1/2"k	ick off hole fr	om 4,858	mBRT to 4,	866mBRT.							Depth: Telescope	
	+					eters: WOB 5 3m ³ of BARO						ROP 2.7m/hr. DLIFT every hou	 r.		oth (mBRT 1,836.64	i) Inc (deg) 5.2	Azi (deg) 78.51
22:00	22:30	0:30	OTHER	4,866.0		vey at 4,864m								4	1,844.04	5.77	85.98
22.00	22.00	0.00	UTILIA	4,000.0		educe pump		l0gpm, back	pump rate f	to 450gpm i	for survey.						
22:30	24:00	1:30	DRL	4,870.5	Drill 8-1/2"k	ick off hole fr	om 4.866	mBRT to 4.8	870.5mBRT				•••••				
				••••••	Param	eters: WOB 6	0-100kN	480gpm x	18.4MPa, 50)rpm x 10-1							
					Pump	3m ³ of BARO		3m ⁻ of Frac	seal sweeps	s 15min late	er after BARC	JLIFT.					
	•				<offlin< td=""><td></td><td>lydra Rac</td><td>ker main an</td><td>m unable to</td><td>close and i</td><td>nvestigate so</td><td>lenoid valves by</td><td>/ electric</td><td>cian, on</td><td>going.</td><td></td><td></td></offlin<>		lydra Rac	ker main an	m unable to	close and i	nvestigate so	lenoid valves by	/ electric	cian, on	going.		
					1	Conduct f nagnet: 8kg (function t	est for new	Torque wren	nch for tubir	ig, Ongoing						
		own (00:00 -		27-Dec		ta on 00:00 - 06:			on noie)								
From 0:00	To 6:00	Hrs. 6:00	Code DRL	Depth(mBRT) 4,888.0	Drill 8-1/2"k	ick off hole fr	om 4,870	.5mBRT to	4,888mBRT		Detail of C						
						ick off hole fr eters: WOB 8						ROP 2.9m/hr. DLIFT every hou					
	+				Fullip	SIII OI BANO			seal sweep:	s rominale							
	+												•••••				
		·····															
Bit Record (Bit Si	lize		IAI	oc		Depth	(mBRT)	Meter-		WOB (kN)	rpm	Total Rev.	ROP			Dull Condition	1
No. (i	(in) [№]	IFR Ty mith FHKi28	pe Co	de S/I	No. Nozzle 2023 3x 16/3	From	To 4,870.5	age 98.5	Hrs. 21.00	Min. Max. 0 100	Min. Max. 0 50	(krev) (r		Inner Ou	ter Dull	Loc. B	G O.D. RP
BHA Record							}									Hook Wt. (knt) @2	24:00 4,870.5 mBRT
#18	8-1/2" KO BHA	8-1/2" Bit x A	675XP PDM	with 1.15° b	ent x 8-1/8" Stab	(SLB) x Float Sub	w/ Non-porte	d float valve (SL	B) x 6-3/4" Pony	NMDC x XO #1	x Telescope 675	x XO #2 x 6-3/4" NMD0 P Z-140 (22 stds) x 6-5	C x 6-3/4"	DC (3 stds)	x	Hook Load BHA	2,833
	BRA	{										P 2-140 (22 stds) x 6-3				Below HWDP	180 250
Mud Proper	rties @24:00	<u> </u>														below Jar HPS & Traveling b	
Mud Type							e pH P	f Cl- Sa	nd Oil Solid								125 block 615
	Time	Depth (mBRT)	MW VIS	PV YV	6rpm Gel St (10", 10) API Cak			nd Oil Solid	MBC In	omp K+	n K I	LGS	FIT 20/40 (r 0 min 5n	nm) nin	Hook + RRT Hook block	
KNPP KNPP	Time 1:00 19:00	(mBRT) 4,838	1.39 65	PV YV 26 31 25 32	6rpm (10", 10 12 12	API Cak 19 6.6 1.0 18 6.5 1.0	9.9 0.	1 128,000 0.3	20 18.0	MBC In 1.75 11 1.75 11	Out K+ 9 22,000 9 22,000	0.42 3.37	4.30	FIT 20/40 (n 0 min 5n 16	nin	Hook block Jar Rotating time 2	olock 615 - - 24S/N: 1760-5031
KNPP	1:00	(mBRT) 4,838	1.39 65 1.39 66	26 31 25 32	orpm (10", 10 12 12 12 11	API Cak 19 6.6 1.0 18 6.5 1.0	9.9 0. 9.9 0.	1 128,000 0.1 1 128,000 0.1	20 18.0 20 18.0	1.75 11 1.75 11	Out NT 9 22,000	0.42 3.37 0.45 2.92	4.30	0 min 5n 16 ·	nin	Hook block Jar Rotating time : Today 11.11 Cutting skip @24:	block 615 - - 24S/N: 1760-5031 Total 21.00 hrs 00 -
KNPP Mud Pumps : 1	1:00 19:00 14-P-220	(mBRT) 4,838	1.39 65 1.39 66 5.00 Pre	26 31 25 32 gallon/stroke ss. Ann	orpm (10", 10 12 12 12 11 @97% Pe . Vel. C	API Cak 19 6.6 1.0 18 6.5 1.0 ersonnel @24:00 DEX	9.9 0. 9.9 0.	1 128,000 0.3 1 128,000 0.3 Mud Materia Item	20 18.0 20 18.0 als on Board @2	1.75 11 1.75 11	Out K* 9 22,000 9 22,000 Used Used	0.42 3.37 0.45 2.92 (unit: kg) Stock	4.30	0 min 5n 16 ·	nin	Hook block Jar Rotating time : Today 11.11 Cutting skip @24: Empty 33	block 615 - - 24S/N: 1760-5031 Total 21.00 hrs 00 -
KNPP Mud Pumps : 1 No. Lines	1:00 19:00 14-P-220 er Size S 6"	(mBRT) 4,838 4,858 PM GF 48 24	1.39 65 1.39 66 5.00 PM Pre (MF 0	26 31 25 32 gallon/stroke ss. Ann Pa) (m/	orpm (10°, 10' 12 12 12 11 2 11 097% P(. Vel. Ci min) M	API Cak 19 6.6 1.0 18 6.5 1.0 ersonnel @24:00 DEX QJ Crew WJ	9.9 0.1 9.9 0.1 9.9 0.1 8 101 15	1 128,000 0.3 1 128,000 0.3 Mud Materia Item Barite (Bulk Caustic Sod	20 18.0 20 18.0 als on Board @2	1.75 11 1.75 11 24:00hrs	Out 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200	4.30	0 min 5n 16 ·	nin	Hook block Jar Rotating time : Today 11.11 Cutting skip @24: Empty 33 ROV @24:00 Status	block 615 - - 24S/N: 1760-5031 Total 21.00 More hrs 00 - Full Total 0 33 Diving -
KNPP Mud Pumps : 1 No. Line 1 (2 (3 6"(Bc	1:00 19:00 14-P-220 er Size S 6" 6" 6" 00ster)	(mBRT) 4,838 4,858 PM GF 48 24 48 24 90 45	1.39 65 1.39 66 5.00 Pre (MF 0 0 18	26 31 25 32 gallon/stroke ss. Ann Pa) (m/	orpm (10°, 10' 12 12 12 11 2 11 097% P(. Vel. Ci min) M	API Cak 19 6.6 1.0 18 6.5 1.0 ersonnel @24:00 DEX QJ Crew QJ Crew	9.9 0. 9.9 0. 9.9 0.	1 128,000 0.3 1 128,000 0.3 1 128,000 0.3 Mud Materia Item Barite (Bulk Caustic Sod Lime Soda Ash	20 18.0 20 18.0 als on Board @2) la	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 Used Used	0.42 3.37 0.45 2.92 (unit: kg) 475,000 1,200 200 1,125	4.30	0 min 5n 16 -		Hook block Jar Rotating time Today 11.11 Cutting skip @24: Empty 33 ROV @24:00 Status Last Dive Injection Skid	Interview Interview <t< td=""></t<>
KNPP Mud Pumps : 1 No. Line 1 (2 (3 6"(Bc	1:00 19:00 14-P-220 er Size S 6" 6" 6" 00ster)	(mBRT) 4,838 4,858 PM GF 48 24 48 24 90 45 @24:00	1.39 65 1.39 66 5.00 Pre (MF 0 0 18	26 31 25 32 gallon/stroke ss. Ann Pa) (m/ .4 51	brpm (10°, 10 12 12 12 11 12 11 097% Pr Vel. Ci min) M 40 St	API Cak 19 6.6 1.0 18 6.5 1.0 ersonnel @24:00 DEX QJ Crew WJ	9.9 0.1 9.9 0.1 9.9 0.1 8 101 15	1 128,000 0.3 1 128,000 0.3 Mud Materia Item Barite (Bulk Caustic Sod Lime	20 18.0 20 18.0 als on Board @2) la	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 Used Used	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200 200	4.30	0 min 5n 16 -	in 	Hook block Jar Rotating time Today 11.11 Cutting skip @24: Empty 33 ROV @24:00 Status Last Dive Injection Skid	block 615 - - 24S/N: 1760-5031 Total 21.00 0 Full 0 33 Diving 2018/12/22
KNPP Mud Pumps : 1 No. Liner 1 6 2 6 3 6"(Bo Geologic Ir	1:00 19:00 14-P-220 er Size S 6" 6" 6" 00ster) nformation	(mBRT) 4,838 4,858 PM GF 48 24 48 24 90 45 @24:00	1.39 65 1.39 66 5.00 PM Pre (MF 0 0 0 18. 0	26 31 25 32 gallon/stroke ss. Ann Pa) (m/ .4 51	brpm (10°, 11 12 12 12 11 12 11 Well Ci min) M 5.570° M 40 Si Tr O	y) Ari Cak 19 6.6 1.0 18 6.5 1.0 18 6.5 1.0 DEX QJ Crew WJ cientist	9.9 0. 9.9 0. 8 101 15 5	1 128,000 0.1 1 128,000 0.1 1 128,000 0.1 Mud Materia Item Barite (Bulk Caustic Sod Lime Soda Ash Caustic Polymer XCD-Polymer	20 18.0 20 18.0 als on Board @2) ash r DX / L / H	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) 3000 475,000 1,200 1,125 1,750 4220/600/0 1,025	4.30	0 min 5n 16 -	i Information It.	Hook block Jar Rotating time ; Today ; 11.11 Cutting skip @24: Empty 33 ROV @24:00 Status Last Dive Injection Skid n @24:00 Time xrived Dep.	block 615 - - 24S/N: 1760-5031 Total 21.00 hrs 00 Full Total 0 333 0 Diving 2018/12/22 Dive w/135 gal skid Dive w/135 gal skid Passenger arted Are. Dept
KNPP Mud Pumps : 1 No. Liner 1 6 2 6 3 6"(Bo Geologic Ir	1:00 19:00 14-P-220 er Size S 6" 6" 6" 00ster) nformation	(mBRT) 4,838 4,858 PM GF 48 24 48 24 90 45 @24:00	1.39 65 1.39 66 5.00 PM Pre (MF 0 0 0 18. 0	26 31 25 32 gallon/stroke ss. Ann Pa) (m/ .4 51	brpm (10°, 10 12 12 12 11 12 11 Work Pe Work Cl Score M 40 St St St St St St St St St	у) Агі Сак 9 6.6 1.0 18 6.6 1.0 18 6.5 1.0 DEX QJ Crew WJ cientist Senter Els Cementing LB VL	9.9 0. 9.9 0. 9.9 0. 8 101 15 5 2 6 1 0	Mud Materia I 128,000 0.1 I 128,000 0.1 I 128,000 0.1 Mud Materia Item Barite (Bulk Caustic Sod Lime Soda Ash Caustic Pot Tel-Polymer XCD-Polym Lignate NC Clean Lube	20 18.0 20 18.0 als on Board @2) ta ash r DX / L / H er W	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) 1.200 1.120 200 1.125 1.750 4220/600/0 1.025 4.500 0	4.30	0 min 5n 16	i Informatio i Informatio it. 0. A 1 !! 2 1	Hook block Jar Rotating time; Today 11.11 Cutting skip @24; Empty 33 ROV @24.00 Status Last Dive Injection Skid n @24.00 Time rrived Deps 9:17 9;	block 615 - - 24S/N: 1760-5031 Total 21.00 hrs 00 Full Total 0 333 0 Diving 2018/12/22 Dive w/135 gal skid Dive w/135 gal skid Passenger arted Are. Dept
KNPP Mud Pumps : 1 No. Liner 1 (2 (3 6"(Bc Geologic Ir From Shale Shale	1:00 19:00 14:P-220 or Size S 6" 6" 000ster) nformation To ker @24:00	(mBRT) 4,838 4,838 4,858 4,858 4,858 PM GF 48 244 90 455 224:00 L	1.39 65 1.39 66 5.00 Pre (MF 0 0 18 0 18 0 18	26 31 25 32 gallon/stroke ss. Ann (m/ Pa) (m/ 4 51 uttings Centrifuge	(10°, 10 12 12 12 11 12 11 Vel. C win) M 5.500 M 40 5.500 M 40 5.500 M 5.500 M 5.	y) Ari Cast 19 6.6 1.0 18 6.5 1.0 DEX QJ Crew QJ Crew WJ cientist ceaneering LB Cementing LB WL eoservices -1 SWACO	9.9 0. 9.9 0. 9.9 0. 101 15 5 5 2 6 1 0 0 6 4	1 128,000 0.1 1 128,000 0.1 Item Barite (Bulk, Barite (Bulk, Caustic Sod Lime Soda Ash Caustic Poti Tel-Polymei XCD-Polym Lignate NC Clean Luber Tel Clean W Astex-S Soda Ash	20 18.0 20 18.0 20 18.0 als on Board @2) 1a ash r DX / L / H er W W	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200 1,200 1,125 1,750 1,200 1,125 1,750 0,422006000 1,025 4,500 0 0 0 0	4.30	0 min 5n 16	i Informatio i Informatio It 0. A 1 ! ! 2 1 3	Hock block Jar Rotaling time; Today 11.11 Cuting skip @2x1 Empty 33 ROV @2x4:00 Status Last Dive Injection Skid n@2x1:00 Time vrived Dep. 9:17 9:11 11:25 11	File File Total 21.00 Total 21.00 Full Total 0 33 Diving 2018/12/22 Dive w/135 gal skid Passenger arted Are. Dept. 27 8 9 :33 7 8
KNPP Mud Pumps : 1 No. Linei 1 (0 2 (0 3 6"(Bc Geologic Ir From Shale Shall No.1 No.2	1:00 19:00 14-P-220 rr Size S 6" 6" ooster) nformation To ker @24:00 30, 120	(mBRT) 4,838 4,838 4,858 4,858 4,858 PM GF 48 24 90 45 024:00 L No.4 2 No.5 3	1.39 65 1.39 66 5.00 PM Pc (MF 0 0 18 0 18 0 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 18 0 0 0 0 0 0 0 0 0 0 0 0 0	26 31 25 32 gallor/stroke ss. Ann Pa) (m/ 51 51 uttings Centrifuge No.1 C	orpm (10°, 1(10°, 1 12 112 11 11 12 11 13 11 14 11 15 11 16 11 17 11 18 11 19 11 11 11 12 11 11 11 12 11 11 11 12 11 12 11 12 11 12 11 11 11 12 11 13 11 14 11 140 11 140 11 140 11 140 11 140 11 140 11 140 11 140 11 140 11 140 11	y) Arr Casc 19 6.6 1.0 18 6.5 1.0 DEX UDEX UDEX UDEX UDEX UDEX Centrol UDEX UDEX UDEX UDEX UDEX	9.9 0. 9.9 0. 9.9 0. 8 101 15 5 5 2 6 1 1 0 6 4 4 2 2	I 128,000 0.0 I 128,000 0.0 Item Bartle (Bulk Caustic Sod Lime Soda Ash Caustic Pot Tel-Polyme XCD-Polym Lignate NC Ciean Lube Tel Clean W Astax-S Deformer 30 Tel DO	20 18.0 20 18.0 20 18.0 19.	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 (unit: kg) Stock 475,000 1,200 1,200 1,125 1,750 4,200600/0 1,125 4,500 0 6,400 0 0 3,36 3,200	4.30	0 min 5n 16 - - - - - - - - - - - - - - - - - -	i Informatio i Informatio It 0. A 1 ! ! 2 1 3	Hook block Jar Rotaling time; Today 11.11 Cuting skip @24.14 Empty 33 ROV @24.00 Status Last Dive linjection Skid n @24.00 Time 9:17 9:125 11:25 and other information Last	File File Total 21.00 Total 21.00 Full Total 0 33 Diving 2018/12/22 Dive w/135 gal skid Passenger arted Are. Dept. 27 8 9 :33 7 8
KNPP Mud Pumps : 1 No. Linei 1 6 2 6 3 6"(Bc Geologic Ir From Shale Shale Shale Shale No.1 No.2 No.3	1:00 19:00 14-P-220 or Size S 6" 6" 6" 00 5 6" 19:00 14-P-220 or Size S 6" 10:00 14-P-220	(mBRT) 4,838 4,838 4,858 PM GF 48 2448 24:00 L No.6 S No.6 S No.6 S	1.39 65 1.39 66 5.00 9 PM Prefixed (MF) 0 0 18 0 100 18 000 18 000 18 000 120 000 120	26 31 25 32 gallon/stroke ss. Ss. Ann Pa) (m/ 4 6.790c 51 51 uttings 0.00000000000000000000000000000000000	oppm (ro, r. (ro, r. (ro, r. (ro, r. (ro, r. (ro, ro, ro, ro, ro, ro, ro, ro, ro, ro,	yy API Cast 19 0.6.6 1.0 18 0.6.5 1.0 DEX 0.0 DEX 0.	9.9 0. 9.9 0. 8 0. 101 15 5 - 2 6 1 0 6 4 2 4	1 128,000 0.0 1 128,000 0.1 1 128,000 0.1 Item Item Barite (Bulk Caustic Sod Lime Soda Ash Caustic Potymer XCD-Polymer XCD-Polymer Lignate NC Clean Lube Tel Clean W Astex-S Deformer 30	20 18.0 20 18.0 20 18.0 19.	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) (unit: kg) (unit: kg) 1.200 1.200 1.220 200 1.125 4.500 0 6.400 0 0 0 0 0 0 0 1.200 0 1.025 4.500 0 0 0 0 0 0 0 0 0 0 0 0	4.30 4.30	0 min 5n 16 - - - - - - - - - - - - - - - - - -	i Information it	Hock block Jar Rotating time; Today 11.11 Cuting skip @2x; Broby Status Last Dive Injection Skid n @24:00 Status Lingetion Skid n @24:00 Status Last Dive Injection Skid n @24:00 Intre rrived Dep. 11:25 11 and other information	Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8
KNPP Mud Pumps : 1 No. Liner 1 0 2 6 3 6*(Bc Geologic Ir From Shale Shale Shale No.1 No.2 Maderials S Materials S	1:00 19:00 19:00 19:00 14:P-220 or Size S 6" 6" 6" 0:00 5" 10:00 19:00 10	(mBRT) 4,838 4,838 4,858 90 48 24 48 24 24 90 45 24 90 45 24 90 45 3 No.4 2 1 No.5 3 3 No.5 3 3 No.6 3 3 No.6 3 3 No.6 3 3 No.5 3 3 No.6 3 3 No.6 </td <td>1.39 65 1.39 66 5.00 Pre (MF 0 0 18 18 00 18 00 120 00, 120 120 120, 120 120</td> <td>26 31 25 32 gallon/stroke 32 ss. Ann Pa) (m/ 4 51 uttings 51 0 0 No.1 0 No.2 0 ed Rece</td> <td>orpm (10°, 11 (10°, 11 12 12 11 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 13 1 1 14 0 5 40 5 5 5 5 5 5 5 5 6 6 6 7 7 5 8 5 5 9 5 5 9 6 6 9 6 6 9 7 7 9 7 7 9 8 6 9 7 5 9 7 6 9 7</td> <td>y) Arr Case 19 6.6 1.0 18 6.5 1.0 DEX resonnel @24:00 DEX QJ Crew QJ Crew QJ WJ ceaneering LB Cementing LB WL eoservices -1 SWACO LB Underreamer LB Underreamer LB Seismic Seismic</td> <td>9.9 0. 9.9 0. 9.9 0. 8 101 15 5 7 2 6 4 1 0 6 4 2 2 0 0 0 0</td> <td>I 128,000 0.2. I 128,000 0.2 Mud Materia Item Bartle (Bulk Caustic Sod Lime Soda Ash Soda Ash Caustic Sod Lime Caustic Sod Lime Caustic Sod Lime Caustic Sod Lignate NC Citen Lube Tel Cloan W Astex-S Deformer 33 Tel Coat Catatonal Citric Acid Tan Cali M'</td> <td>20 18.0 20 18.0 20 18.0 18.0 20 18.0 20 18.0 2</td> <td>1.75 11 1.75 11 24:00hrs</td> <td>Out K* 9 22,000 9 22,000 9 22,000</td> <td>0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1.200 1.200 1.202 1.750 4.200(200) 1.025 4.500 0 0 0 0 0 336 3.200 1.250</td> <td>4.30 4.30</td> <td>Umin 50 16</td> <td>i Information it</td> <td>Hook block Jar Rotaling time; Today 11.11 Cuting skip @24.14 Empty 33 ROV @24.00 Status Last Dive linjection Skid n @24.00 Time 9:17 9:125 11:25 and other information Last</td> <td>Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8</td>	1.39 65 1.39 66 5.00 Pre (MF 0 0 18 18 00 18 00 120 00, 120 120 120, 120 120	26 31 25 32 gallon/stroke 32 ss. Ann Pa) (m/ 4 51 uttings 51 0 0 No.1 0 No.2 0 ed Rece	orpm (10°, 11 (10°, 11 12 12 11 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 13 1 1 14 0 5 40 5 5 5 5 5 5 5 5 6 6 6 7 7 5 8 5 5 9 5 5 9 6 6 9 6 6 9 7 7 9 7 7 9 8 6 9 7 5 9 7 6 9 7	y) Arr Case 19 6.6 1.0 18 6.5 1.0 DEX resonnel @24:00 DEX QJ Crew QJ Crew QJ WJ ceaneering LB Cementing LB WL eoservices -1 SWACO LB Underreamer LB Underreamer LB Seismic Seismic	9.9 0. 9.9 0. 9.9 0. 8 101 15 5 7 2 6 4 1 0 6 4 2 2 0 0 0 0	I 128,000 0.2. I 128,000 0.2 Mud Materia Item Bartle (Bulk Caustic Sod Lime Soda Ash Soda Ash Caustic Sod Lime Caustic Sod Lime Caustic Sod Lime Caustic Sod Lignate NC Citen Lube Tel Cloan W Astex-S Deformer 33 Tel Coat Catatonal Citric Acid Tan Cali M'	20 18.0 20 18.0 20 18.0 18.0 20 18.0 20 18.0 2	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1.200 1.200 1.202 1.750 4.200(200) 1.025 4.500 0 0 0 0 0 336 3.200 1.250	4.30 4.30	Umin 50 16	i Information it	Hook block Jar Rotaling time; Today 11.11 Cuting skip @24.14 Empty 33 ROV @24.00 Status Last Dive linjection Skid n @24.00 Time 9:17 9:125 11:25 and other information Last	Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8
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KNPP Mud Pumps: 1 No. Line: 1 0 2 0 3 6*(Bc Geologic IT From Shale Shalt No.1 No.2 1 Materials S Materials S Potable Wb Drill Water Fuel Fuel	1:00 19:00 1	(mBRT) 4,838 4,858 PM GFF 48 244 8 2448 2448 2440 L No.5 2 No.6 2 No.6 2 No.6 2 mi (224:00 Unit Stc m3 1.5 m3 1.5	1.39 65 1.39 66 5.00 Pre 0 0 0 18 0 18 0 120 00, 120 120 00, 120 120 00, 120 00, 120 00, 120 00, 120 00, 120 00, 120 00, 120 00, 120 00, 120 00, 120	26 31 25 32 gallon/stroke ss. Ss. Ann (m/ 51 4 51 uttings c. 0.0.2 c. No.3 c. 06.1 5.5 18.0 48.7	oppm (10°, 11 (1°), 11°) 12 12 11 12 11 11° 12 11 11° 12 11 11° 12 11° 11° 12 11° 11° 12 11° 11° 12 11° 11° 13 11° 11° 140 11° 11° 140 11° 11° 15000 Mf 11° 16 11° 11° 17 11° 11° 18 11° 11° 19 11° 11° 10 11° 11° 11 11° 11° 11° 11 11° 11° 11° 11° 11 11° 11° 11° 11° 11 11° 11° 11° 11° 11 11° 11° 11° 11° </td <td>yp API Calk yp API Calk L3 18 6.6 1.0 L3 18 6.5 1.0 L3 DEX </td> <td>9.9 0. 9.9 0. 9.9 0. 8 101 15 5 2 6 6 1 1 0 6 6 4 4 2 2 0 0 0 0 0 2</td> <td>1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materia Ime Bartle (Bulk, Caustic Socium) Ime Sofa Ash Caustic Socium Caustic Poly Tel-Polyme Circlean Lube Tel Clean We Astex-S Deformer 31 Tel Dol Bi-Carbonat Cirtic Acid Torleite GXL Traet-HS Mud Seal P</td> <td>20 18.0 20 18.0 20 18.0 als on Board @2) ash DX / L / H er F / FF F M / F</td> <td>1.75 11 1.75 11 24:00hrs</td> <td>Out K* 9 22,000 9 22,000 9 22,000</td> <td>0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200 200 1,125 4,500 4,200 0 0 0 0 0 0 0 3,360 3,200 1,280 0 0 0 0 0 0 0 0 0 0 3,36 3,200 1,292 1,025 4,500 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>4.30 4.30</td> <td>Umin 50 16</td> <td>i Information it Information It. 0. A 1 !! 2 1 3 a 4 a 4 a 4 a 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b</td> <td>Hook block Jar Rotaling time; june; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Trived 9:17 9:125 11:25 11:25 11:25 11:25 11:25 11:25</td> <td>Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8</td>	yp API Calk yp API Calk L3 18 6.6 1.0 L3 18 6.5 1.0 L3 DEX	9.9 0. 9.9 0. 9.9 0. 8 101 15 5 2 6 6 1 1 0 6 6 4 4 2 2 0 0 0 0 0 2	1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materia Ime Bartle (Bulk, Caustic Socium) Ime Sofa Ash Caustic Socium Caustic Poly Tel-Polyme Circlean Lube Tel Clean We Astex-S Deformer 31 Tel Dol Bi-Carbonat Cirtic Acid Torleite GXL Traet-HS Mud Seal P	20 18.0 20 18.0 20 18.0 als on Board @2) ash DX / L / H er F / FF F M / F	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200 200 1,125 4,500 4,200 0 0 0 0 0 0 0 3,360 3,200 1,280 0 0 0 0 0 0 0 0 0 0 3,36 3,200 1,292 1,025 4,500 0 0 0 0 0 0 0 0 0 0 0 0	4.30 4.30	Umin 50 16	i Information it Information It. 0. A 1 !! 2 1 3 a 4 a 4 a 4 a 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b 4 b	Hook block Jar Rotaling time; june; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Trived 9:17 9:125 11:25 11:25 11:25 11:25 11:25 11:25	Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8
KNPP Mud Pumps 1 No. Line 3 6"(Bc Geologic Ir From Shale Shal	1:00 19:00 19:00 14:P.220 or Size S 6* 6* 6* 0000ster) nformation To 30, 120 30, 120 30, 120 Stock on Bo ter	(mBRT) 4,838 4,858 4,858 PM GF 48 24 48 2448 2448 2440 L 00 45 224:00 L 10 10 10 10 1	1.39 65 1.39 66 5.00 Pre 0 0 0 18 ithology of c 18 00, 120 10, 120 00, 120 12 00, 120 12 01, 120 13, 120 01, 120 14, 120 01, 120 14, 120 07.0 18, 0 107.0 12, 9 1,100 4	26 31 25 32 gallon/stroke S. Ss. Ann (m/ 4 51 uttings Centrifuge No.1 No.2 No.3 Centrifuge 8.5 18.0 48.7 00.0	orpm (ror, rt. (py API Case py API Case Case pi 6.6 1.0 Case Case pirate 6.5 1.0 Case Case Case pirate Case <	9.9 0. 9.9 0. 9.9 0. 8 8 101 15 5 5 2 2 6 6 1 1 0 6 6 4 4 2 2 2 0 0 0 0 0 0 2 0 0 1 155	1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materix Ime Sola Bartle (Bulk, Caustic Soci Lime Sola Ash Caustic Port Lignate NC. Cicen Lube Tel Clean V. Deformer 31 Tel Clark Orthogo Differ Garbonal Cirite Acid Tan Causti, Porthogo Mud Saal P. Telnite GXL, Treat-HS Mud Saal P. Mud Saal P. Tel Plag C / Tel Sloop P /	20 18.0 20 18.0 20 18.0 als on Board @2) ash DX / L / H er F / FF F M / F	1.75 11 1.75 11 24:00hrs	Out K* 9 22,000 9 22,000 9 22,000	0.42 3.37 0.45 2.92 (unit: kg) (unit: kg) (unit: kg) 1,200 1,200 1,200 1,200 1,202 1,750 4220/600/0 1,025 4,500 0 6,400 0 0 6,400 0 0 1,250 1	4.30 4.30	Hell Hell Fi Safe Ind LT/J Rer	i Information it. o. A 1 11 2 11 3 4 4 4 NS cards marks	Hook block Jar Rotaling time; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Trived 9:17 9:125 11:25 11:25 11:25 11:25 11:25 37	Full Total O Diving 2018/12/22 Diving Diving 2018/12/22 Dive w/135 gal skid Passenger Arac. Dept. arted Are. Dept. 27 8 9 33 7 8
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KNPP Mud Pumps 11 No. Linee 1 0 2 0 3 6708 Geologic Ir From Shale Shal No.1 Shale Shal No.2 It Fresh Water Foul Lube, Oil Heli Fuel Cement "G Cement "G	1:00 19:00 14:P-220 risize S 6* 6* coster) nformation formation fo	(mBRT) 4.838 4.838 4.858 4.858 4.858 4.858 244 8 244 8 244 8 244 8 244 8 244 90 4 91 4 92 4.05 93 1.5 M3 2 m3 1.5 m3 1.5 100 1	1.39 65 1.39 66 5.00 Pre 0 0 0 18 0 18 0 120 10, 120 10, 120 10, 120 12 118,0 120 118,0 120 112,9 112,9 112,9 1100 4 0,0 48,0	26 31 25 32 gallon/stroke ss. Ann can (m/) 4 51 51 51 51 51 51 51 51 51 51	orpm (10°, 1(10°, 11 12 12 11 12 11 11 12 11 11 12 11 11 12 11 11 12 11 11 12 11 11 12 11 11 12 11 11 13 10 11 140 11 11 15 500° M 40 5 5 140 5 5 15 5 5 16 5 5 17 5 5 18 5 5 17 5 5 18 5 5 19 6 0 17 5 5 18 5 5 19 0 0 10 0 0	y) API Case y) Case Case y) Case Case LB Case Case LB Case Case LB LB Case LB LB LB LB LB LB LB LB LND LB LB LND LB LB LND Case Case Case LB UNVENTURE LB LB DD Case Cata Case Case Ud <volume@24.5c< td=""> Mud Case</volume@24.5c<>	9.9 0. 9.9 0. 9.9 0. 8 101 15 5 2 2 6 1 1 0 6 4 4 2 2 6 1 1 0 0 6 4 4 2 2 0 0 0 0 2 0 0 1 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 128,000 0.2 1 128,000 0.2 1 128,000 0.2 Mud Materig Item Barlie (Bukk Caustic Soci Lime Soda Ash Caustic Poti Caustic Poti Teil-Polymer Caustic Poti Linare XCD-Polym Lignate NCC Lignate NCC Clean Lube Teil Clean W Astax-S Deformer 31 Teil DO Bi-Carabonat Carabonat Carabonat Teil Tol Tein Causti V Tein Folger V Tan Call M/ Tein Folger V Tein Polger C/ Teil Stop P / Baloitit Driscal D	20 18.0 20 18.0 20 18.0 als on Board @2) assh DX / L / H er W W V F / FF G G (lbs)	1.75 11 1.75 11 24:00hrs	Out 200 9 22,000 9 22,000 Used 4,000 0/200/0 0/200/0	0.42 3.37 0.45 2.92 (unit kg) Stock 475,000 1,200 1,200 1,202 1,252 4,500 0 0 6,400 0 0 3,260 1,250 1,025 6,400 0 3,265 1,020 / 210 / 5 684 9,200 130 130 500 / 500 / 550 / 550 500 / 500 / 550 500 / 500 / 500 / 50 500 / 500 / 500 / 50 500 /	4.30 4.30	0 0 min 16	Information Information It. O. A I I I I I I I I I I I I I I I I I I	Hook block Jar Rotaling time; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Trived 9:17 9:125 11:25 11:25 11:25 11:25 11:25 37	block 615 - - 24S/N: 1760-5031 Total 21.00 Mail 0 0 33 Diving 2018/12/22 Dive w/135 gal skid Passenger arted Are. Dept. 27 8 9 33 7 No. LTA
KNPP Mud Pumps 11 No. Linee 1 0 2 0 3 6708 Geologic Ir From Shale Shal No.1 Shale Shal No.2 It Fresh Water Foul Lube, Oil Heli Fuel Cement "G Cement "G	1:00 19:00 14:P-220 r Size S 6" 6" coster) nformation formation fo	(mBRT) 4.838 4.838 4.858 4.858 4.858 4.858 244 8 244 8 244 8 244 8 244 8 244 90 4 91 4 92 4.05 93 1.5 M3 2 m3 1.5 m3 1.5 100 1	1.39 65 1.39 66 5.00 5.00 60 18 18 18 18 18 18 18 18 18 18	26 31 25 32 32 32 galaxitotes 32 x Anno x 51 x 51 x 51 x 52 x 55 55 55 180 - x 00 x 00 x 00 x 00	orpm (ror. 1: (ro	p) API Case p) api Case Case p) 6 6 5 1.0 ts 6 5 1.0 Case ts 6.5 1.0 Case Case clearlist Case Case Case Case alnite Case Case Case Case Case LB WD Case Case <td< td=""><td>9.9 0. 9.9 0. 8 1 101 15 2 6 1 0 2 6 4 2 0 0 115 0 2 0 0 2 0 1 155 0 1155 0 1155 0 1155 0 1155 0 1155 0 1155 0</td><td>1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materia Ime Sofa Bartle (Bulk, Caustic Sod 1 1 Lime Sofa Ash Caustic Port Caustic Port 1 1 Lignate NC Clean Lube 1 Tel Cloan VA 7 1 Deformer 30 Teal Dug Clrit Acid 1 Tel ID D Clarbonat 1 Chica Libbe Teal Hug Clrit Acid 1 Teal Black Teal Hug Clrit Acid 1 Datorner 30 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 32 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 32 Teal Hug Clrit Acid 1 Datorner 33</td><td>20 18.0 20 18.0 20 18.0 als on Board @2) assh DX / L / H er W W V F / FF G G (lbs)</td><td>1.75 11 1.75 11 24:00hrs</td><td>Out 200 9 22,000 9 22,000 Used 4,000 0/200/0 0/200/0</td><td>0.42 3.37 0.45 2.92 (unit: kg) (unit: kg) 1.200 1.200 1.200 1.220 1.750 4.220/600/0 1.025 4.500 0 0 0 0 0 0 0 0 0 0 0 0</td><td>4.30 4.30</td><td>Helei He</td><td>information information t information informatin informatin</td><td>Hock block Jar Rotaling time; Jar Rotaling time; Today 11.11 Cuting skip @24.10 Status Last Dive Linjection Skid n @24.00 Time 9:17 9:125 11:0 37</td><td>Jock 615 - -</td></td<>	9.9 0. 9.9 0. 8 1 101 15 2 6 1 0 2 6 4 2 0 0 115 0 2 0 0 2 0 1 155 0 1155 0 1155 0 1155 0 1155 0 1155 0 1155 0	1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materia Ime Sofa Bartle (Bulk, Caustic Sod 1 1 Lime Sofa Ash Caustic Port Caustic Port 1 1 Lignate NC Clean Lube 1 Tel Cloan VA 7 1 Deformer 30 Teal Dug Clrit Acid 1 Tel ID D Clarbonat 1 Chica Libbe Teal Hug Clrit Acid 1 Teal Black Teal Hug Clrit Acid 1 Datorner 30 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 32 Teal Hug Clrit Acid 1 Datorner 31 Teal Hug Clrit Acid 1 Datorner 32 Teal Hug Clrit Acid 1 Datorner 33	20 18.0 20 18.0 20 18.0 als on Board @2) assh DX / L / H er W W V F / FF G G (lbs)	1.75 11 1.75 11 24:00hrs	Out 200 9 22,000 9 22,000 Used 4,000 0/200/0 0/200/0	0.42 3.37 0.45 2.92 (unit: kg) (unit: kg) 1.200 1.200 1.200 1.220 1.750 4.220/600/0 1.025 4.500 0 0 0 0 0 0 0 0 0 0 0 0	4.30 4.30	Helei He	information information t information informatin informatin	Hock block Jar Rotaling time; Jar Rotaling time; Today 11.11 Cuting skip @24.10 Status Last Dive Linjection Skid n @24.00 Time 9:17 9:125 11:0 37	Jock 615 - -
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KNPP Mud Pumps 11 No. Liner 1 (1) 2 (2) 3 6*(B) Geologic Ir From Shale Shale No.1 No.2 No.3 Materials S Its Potable WX Orill Water Fuel Lube, OI Heli Fuel Cernent *G Boat Inform Boat Inform Boat Na ## Meiji-r Akatsu Shincho-1	1:00 1:00 1:00 1:00 1:00 1:00 1:00 1:00	(mBRT) 4.838 4.858 4.858 4.858 4.858 4.858 24 00 45 00 45 00 45 00 45 00 45 00 45 00 45 00 45 00 45 00 45 00 45 00 45 01 10 02 10 00 11 00 11 00 53 100 100	1.39 65 1.39 66 5.00 5.00 60 18 18 18 18 18 18 18 18 18 18	26 31 27 32 32 32 allowstock Anno	orpm (10°, 11 (1°, 11 12 12 11 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 12 11 1 13 1 1 140 Si 15 Si 16 Si 17 Si 18 Si 19 Si 11 Si 12 Si 13 Si 14 Si 15 Si 16 Si 17 Si 0.0 F 14 Si 15 Si 16 Si 17	2) API Case 2) API Case 2) API Case 18 6.5 1.0 18 6.5 1.0 18 6.5 1.0 DEX Q24.00 DEX Q2 Crow WU Gentral B Case Case Case Case B Case Case B WL Case B MC Sais LB UNC LB LB LND LB LB LND Edis LB LND Edis LB LND Edis AL UR Case Alud Volutry Sup and Sup and MC1/137 Sup and SUP MC1 Sup 3/137	9.9 0. 9.9 0. 101 15 2 0. 6 1 15 - 2 0. 6 1 1.1 15 2 0. 0 0. 1.1 15 1.2 0. 0 0. 1.1 155 0.0 0. 1.2 0. 0.0 0. 1.1 155	1 128,000 0.2 1 128,000 0.2 1 128,000 0.2 Image: Solid Science of Control o	20 18.0 20 18.0 20 18.0 20 18.0 345 on Board @2 3 3 ash DX / L / H er F / FF G (lbs) 50 (lbs) (lbs)	1.75 11 1.75 11 24:00hrs	Out 200 9 22,000 9 22,000 Used 4,000 0/200/0 0/200/0	0.42 3.37 0.45 2.92 (unit kg) Stock 475,000 1,200 1,200 1,125 1,750 1,200 1,125 4,500 0 0 6,400 0 0 0 3,200 1,225 6,400 0 0 3,200 1,225 6,400 0 0 3,200 1,225 6,400 0 0 0 2,275 6,400 1,220 6,400 0 0 0 0 0 0 0 0 0 0 0 0	4.30 4.30	Hele Hele File Safaf India Hele Rate Verse Rate Verse Rate Verse Rate Verse Verse Vo U D Maa	in information in information in information in information in information in information information information informatin information <td< td=""><td>Hock block Jar Rotaling time; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Injection Skid n @24:00 Time 9:17 9:17 9:17 11:25 11:15 11:25 11:25 11:25 11:25 37 ation @24:00 g (deg) (kH))</td><td>Olock 615 - - 24S/N: 1760-5031 Total 21.00 Molect 1 00 33 0 33 0 33 0 33 0 33 0 33 0 33 0 33 0 9 33 7 8 9 33 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <t< td=""></t<></td></td<>	Hock block Jar Rotaling time; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Injection Skid n @24:00 Time 9:17 9:17 9:17 11:25 11:15 11:25 11:25 11:25 11:25 37 ation @24:00 g (deg) (kH))	Olock 615 - - 24S/N: 1760-5031 Total 21.00 Molect 1 00 33 0 33 0 33 0 33 0 33 0 33 0 33 0 33 0 9 33 7 8 9 33 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <t< td=""></t<>
KNPP Mud Pumps 11 No. Lines 1 0 2 6 3 6*(Bc Geologic Ir From Shale Shal No.1 No.2 Image: Shale Shal No.3 Image: Shale Shale Shale Materials In Image: Shale Shae Shae Shale Shale Shae Shale Shae Shae Shae Shale Shal	1:00 1:00 1:00 1:00 1:00 1:00 1:00 1:00	(mBRT) 4.838 4.858 4.858 4.858 4.858 4.858 24 90 45 224:00 L 224:00 L 1.05.5 S 90 45 224:00 L 1.05.5 S 1.05.6 S ard @224:00 Unit 1.1 Unit 1.2 m3 1.5 Ltrs ELtrs Ltrs 00 Status Chikyu Chikyu Chikyu Shingu	1.39 65 1.39 66 1.39 66 5.00	26 31 27 32 32 32 38 Ann 39 (m/ 4 arroc 51 51 50 0.0 000 0.0	orpm (ror, ft (ro, ft	py API Case py API Case Case 18 6.5 1.0 Case Case Ista 6.5 1.0 Case Case Case DEX Case Ca	9.9 0. 9.9 0. 8 0. 101 15 5 - 2 - 2 - 2 - 6 - 1 0 6 - 1 0 6 - 2 0 0 0 0 0 0 0 0 1 155 58 228 9 228 2282 739 739	1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materix Ime Scala Bartie (Bulk, Caustic Soci 1 Lime Scda Ash Caustic Pot Lime Lime Caustic Pot Ligate NC Circian Lube Tel Clean VA Tel Clean Lube Tel Clean VA Stors-S Deformer 31 Tel Clean VA Tel Clean VA Mud Seal P Tel Rop P Tel Stop P Baloint Driscal D Tel Flow P Steel Seal D Tel Flow P Proc Seal Keel Secolar Stopseal Bentonate(E	20 18.0 20 18.0 20 18.	Intervention Intervention 1.75 11 1.75 11 24:00hrs Received	Out 200 2 200 9 22.000 4.000 4.000 0/200/0 0/200/0 15 15 Current Current	0.42 3.37 0.45 2.92 (unit: kg) (unit: kg) 475,000 1,200 1,200 1,202 1,750 4220/8000 1,025 4,500 0 0 0 0 0 0 0 0 0 0 0 0	4 30 4 30 4 30 510	Hele Hele File Safaf India Hele Rate Verse Rate Verse Rate Verse Rate Verse Verse Vo U D Maa	in information i Information it info	Hock block Jar Rotaling time; Today 11.11 Cuting skip @24; Empty 33 ROV @24:00 Time Injection Skid n @24:00 Time 9:17 9:17 9:17 11:25 11:15 11:25 11:25 11:25 11:25 37 ation @24:00 g (deg) (kH))	Olock 615 - - 24S/N: 1760-5031 Total 21.00 Diving 2018/12/22 Diving 2018/12/22 Diving 2018/12/22 Diver w/135 gal skid Passenger arted Are. Dept. 27 8 9 33 7 8 No. LTA
KNPP Mud Pumps : 1 No. Lines 1 O. Lines 2 C Geologic Ir From Shale Shal No.1 From Knc.1 From Knc.2 From Knc.3 Knc.3 Knc.4 Knc.	1:00 19:00 14:P-220 rr Size S 6" 6" 6" 0.00000000000000000000000000000000000	(mBRT) 4,838 4,838 4,858 4,858 4,858 4,858 244 4,858 244 8 244 90 48 224-00 L 1 L 1 L 1 Status Chikyu Chikyu Shingu Shingu	1.39 65 1.39 66 5.00 PM (MF 0 1 0 18 0 18	26 31 25 32 32 32 allowtobe (m/	orpm (ror, rt. (p) API Case p) API Case p) 6 6 10 is 6 5 10 is 6 5 10 is 6 5 10 is 6 5 10 is 0 0.2 0.2 clantist casesening 1.8 0.0 LB Consenting 1.8 0.0 LB UNE consenting 1.0 0.0 LB UNE consentin	9.9 0. 9.9 0. 8 0. 101 15 5 - 2 - 2 - 2 - 6 - 1 0 6 - 1 0 6 - 2 0 0 0 0 0 0 0 0 1 155 58 228 9 228 2282 739 739	1 128,000 0:2 1 128,000 0:2 1 128,000 0:2 Mud Materix Ime Scala Bartie (Bulk, Caustic Soci 1 Lime Scda Ash Caustic Pot Lime Lime Caustic Pot Ligate NC Circian Lube Tel Clean VA Tel Clean Lube Tel Clean VA Stors-S Deformer 31 Tel Clean VA Tel Clean VA Mud Seal P Tel Rop P Tel Stop P Baloint Driscal D Tel Flow P Steel Seal D Tel Flow P Proc Seal Keel Secolar Stopseal Bentonate(E	20 18.0 20 18.0 20 18.0 20 18.0 18.0 20 18.0 18.0 20 18.0 20 18.0	nbcu in 175 11 1.75 11 24:00hrs Received	Out 22.000 9 22.000 9 22.000 Used 4,000 0/200/0 0/200/0 15 15	0.42 3.37 0.45 2.92 (unit: kg) Stock 475,000 1,200 1,200 1,202 1,750 4220/600/0 1,025 4,500 0 0 6,400 0 0 1,025 1,750 1,025 1,020 1,000	4.30 4.30 510 510	Hele Hele File Safa India Hele Rot Rot Rot Rot Rot Rot Rot Rot Rot Rot	information information t information informatin informatin	Hook block Jar Rotating time; Today 11.11 Cuting skip @24; Bray 33 ROV @24.00 Status Last Dive Injection Skid n @24.00 Time wrived Deg. 9:17 9:17 9:17 11.25 11 Last Dive Incident Last and other information Last g (deg) (kl)) m)	Olock 615 i i 24S/N: 1760-5031 Total 21.00 0 33 Diving Total 2018/12/22 Dive w/135 gai skid Data 9 33 7 8 9 33 7 8 9 33 7 No. LTA 1 0 0.5 0.2 0.1 1 1 1 1 1 1 1 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 1230