

			<b>DAILY DRILLING REPORT</b>				<b>REPORT # 021</b>		<b>10/08/2021</b>			
							<b>SPUD: 21/07/2021</b>		<b>DAY # 023</b>			
<b>WELL</b>	<b>West Mereenie 28</b>	<b>24:00 MD/ TVD</b>	<b>1175m BRT</b>	<b>DRILLED</b>	<b>105m</b>	<b>AFE DAYS / COST</b>	<b>23</b>	<b>\$6,507,879</b>				
<b>RIG</b>	<b>EWG 27</b>	<b>FORMATION</b>	<b>Pacoota P1: Upper and Lower</b>		<b>DAILY COST</b>	<b>\$90,816</b>	<b>CUM.</b>	<b>\$3,831,493</b>				
<b>DAILY OP'S SUMMARY</b>		Continue to drill ahead with Polymer/Foam-Air from 1021m to 1169m, Flow tested Upper P1 at 1117m recorded 1.2MMscfd. Flow tested Lower Patoota P1 at 1167.5m recorded 2.9MMscfd, Continue Drilling to 1169m, Sump free board 1.75m.										
<b>FORECAST OP'S</b>		Continue to drill ahead with Polymer/Foam-Air from 1169m, Drill to CSG point prior to the P3.										
<b>LAST CASING</b>	<b>244mm</b>	<b>9.625"</b>	<b>SET AT</b>	<b>459.4m</b>	<b>FIT</b>	<b>12.7 EMW</b>	<b>MAASP</b>	<b>227psi</b>	<b>BOP TEST</b>	<b>04/08</b>	<b>DUE</b>	<b>25/08</b>
<b>LAST L.T.I. 827 Days</b>		<b>SAFETY</b>	1. Air Drilling Operations, Good communication required. Exclusion zones around the flare pit discussed. 2. Verbal BOP drill and muster at the Work floor.					<b>WEATHER: Day</b>	Fine 28 deg C			
								<b>Night</b>	Fine 4 deg C			

BIT INFORMATION				BHA # 4		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(Klb)	1-5	JET V(fps)		TOOL	LENGTH	Mud Type	KCl Polymer	1 Move/ Rig Up/Down		48.00
RPM	22	H S I		Bit- Impreg	0.65	Depth (m)	1169	2 Drilling	19.50	242.00
BIT NUMBER	5	RR4		7.5" Air hammer	1.37	Density (ppg)	9.80	3 Wash / Ream		32.00
Size (inches)	8.5	8.75		Float Sub	0.89	ECD (ppg)		4 Coring		
Make	Smith	Reed		2x Drill Collar- 5 1/2"	18.19	Temp (" C)		5 Circ & Condition		16.00
Type	Hammer	TCI		Crossover Sub	0.74	Viscosity (sec)	78	6 Tripping- Bit / Casing		43.50
IADC Code		437		MWD	9.90	PV / YP (cp/lb)	18 / 32	6.1 Tripping- Other		18.00
Serial Number	SA7178			Crossover Sub	0.77	Gels (10s/m)	10 / 11	6.2 Wiper Trip		4.00
T.F.A. (in)		0.589		3x Drill Collar- 5 1/2"	27.41	API Filt. (cc)	4.0	6.3 Handle BHA		31.75
Depth In (m)	467	463		Crossover Sub	0.41	Sand (% Vol)		7 Service / Slip Line		1.75
Depth Out (m)	IN	467		Drilling Jars	9.56	KCl (%)	4.0	8 Repairs	1.00	16.00
Total Meters	708	4		Crossover Sub	0.76	pH (strip)	9.0	10 Survey		0.75
Hours IADC   OnBtm	105   100.8	1.8   1.8		Drill Collar- 5 1/2"	8.95	LGS %/Vol	0.1	11 Logging		
ROP IADC   OnBtm	6.7   7	2.3   2.3		Crossover Sub	0.60	Chlorides (ppm)	152000	12 RU for Csg / Cmt		7.50
Condition Out	12 WT A 0 0 NO TD			10x Heavy Weight DP	93.38	Surface Vol. (Bbls)	536	12.1 Run Casing		7.50
<b>FLOW DATA</b>			<b>BHA LENGTH</b>	173.58		<b>Hole Vol.</b>	252	12.2 Cementing		14.25
RATE (gpm/lps)			<b>BHA WEIGHT</b>	22.51		<b>Mud Mixed</b>	325	13 Wait on Cement		21.00
AV - DP (fpm/MPM)			<b>STRING WT</b>	66.69		<b>New Hole Drilled</b>	24.2	14 BOP's / Wellhead		13.50
AV - DC (fpm/MPM)			<b>HOOK LOAD</b>	84.00		<b>Downhole Losses</b>	269	15 Test BOP / Formation	3.50	16.25
SPP (psi/atm)	340	23	<b>WT BELOW JARS</b>	12.02		<b>Surface Losses</b>	-40	19 Tight hole / Fishing		0.50
SPP (Calculated)			<b>HOURS: JAR   MTR</b>			<b>CHEMICAL USAGE</b>		21 Completion		
<b>PUMP DATA</b>			<b>DRAG: UP   DOWN</b>	2	2	Potassium Chloride	11	21.1 Well Control		0.25
#1: Emsco F-800	STROKE	9.0"	<b>TORQUE: ON   OFF</b>	400	1200	Sodium Chloride	40	21.2 Other		17.50
RATE			<b>SURVEYS: MD   INC'   AZ'</b>			Xanthan Gum	2	<b>TOTALS</b>	<b>24.00</b>	<b>504.00</b>
LINER	6.75"		1063   1.6   35.1	1129   2   38.6		Starch P	12	<b>NON PRODUCTIVE</b>	<b>1.00</b>	<b>72.25</b>
#2: Emsco F-800	STROKE		1072   2.1   38.9	1139   1.5   27.7		DrillFoam X	40	<b>PRODUCTS: USED   REC   ON SITE</b>		
RATE			1081   1.7   39.4	1149   1.6   37.8				DIESEL (L)		
LINER			1091   1.5   33.9					BARITE (T)		
#3: 0	STROKE		1101   1.7   40.1					DRILL WATER	75k	
RATE			1110   1.9   33.9					DAILY MUD COSTS \$6,185.52		
LINER			1120   2   31					CUM. MUD COSTS \$129,327.73		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	2:45	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1070m to 1088m, 0-5k WOB, 24RPM, 2000scfm, 406psi, 1030ft.lbs TRQ, 13.6GPM Mist, 14.5GPH Foam and 1.6GPH Hammer oil, Avg ROP 6.5m/hr.
2:45	3:45	[ 8 ] NPT- Circulated while ADA repair Air Compressor #2
3:45	6:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1088m to 1104m, 0-5k WOB, 24RPM, 2040scfm, 426psi, 1030ft.lbs TRQ, 13.6GPM Mist, 14.5GPH Foam and 1.6GPH Hammer oil, Avg ROP 7.5m/hr.
6:00	7:45	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1104m to 1117m, 0-5k WOB, 22RPM, 2040scfm, 436psi, 450ft.lbs TRQ, 13.6GPM Mist, 14.5GPH Foam and 1.5GPH Hammer oil, Avg ROP 9.8m/hr.
7:45	8:15	[ 15 ] Clean-up Well. Conducted Flow test # 03 at 1117m of the Upper Pacoota P1. 40 minute test. 1" Choke Orifice size at (32/64) or 1/2". Max Flow pressure at 214psi. Final Shut-in Pressure at 562psi, with 1.2MMSCFD flow rate. Good stable clean gas flow. No fluid observed. Description of Flare: Good 6 m flare. Moderately dark / rich looking
8:15	10:15	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1117m to 1127m, 0-3k WOB, 22RPM, 2013scfm, 436psi, 450ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 8.7m/hr.
10:15	12:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1127m to 1146m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 8.7m/hr
12:00	15:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1146m to 1166m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 6.6m/hr. Noted good gas readings whilst drilling through this section of hole.
15:00	18:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1166m to 1168m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 1m/hr. Noted good gas readings whilst drilling through this section of hole.
18:00	21:00	[ 15 ] Clean-up Well. Conducted Flow test # 04 at 1167.50m of the Lower Pacoota P1. 30 minute test. 1" Choke Orifice size at (48/64) or 3/4". Max Flow pressure at 221psi. Final Shut-in Pressure at 574psi, with 2.9MMSCFD flow rate. Good stable clean gas flow. No fluid observed. Description of Flare: Good 10 m flare. Moderately bright yellow / clean looking
21:00	23:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1168m to 1169m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 1m/hr
23:00	0:00	[ 2 ] Drill ahead 8 1/2" hole with Air hammer from 1169m to 1175m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 2m/hr

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 11/08/21		
From	To	Description
0:00	3:00	Drill ahead 8 1/2" hole with Air hammer from 1175m to 1181m, 0-5k WOB, 22RPM, 2100scfm, 340psi, 1200ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 1.6m/hr
3:00	6:00	Drill ahead 8 1/2" hole with Air hammer from 1179m 0-5k WOB, 22RPM, 2100scfm, 428psi, 790ft.lbs TRQ, 20GPM Mist, 16GPH Foam and 1.4GPH Hammer oil, Avg ROP 1m/hr

POB-42: EWG - 19, CTP - 5, ADA - 4, Howco - 2, G/Services - 3, O/Creek - 2, Coho - 1, IOT - 4, NMT - 0, Expro - 0, Cactus - 0, Enermech - 2								<b>10,428 Hrs</b>
RECEIVED:				DISPATCHED:				
<b>MAXIMUM GAS:</b>		4999 U @ 1118m	<b>BACKGROUND GAS:</b>		1300 U	<b>CONNECTION GAS:</b>		2700 U
<b>SUPERVISOR:</b> A Phillis / Kev Dau / Norm Nixon.				<b>GEOLOGIST:</b> Phil Allen, Paul Elliot			<b>RIG MGR:</b> Trevor Wigley	