

		DAILY DRILLING REPORT				REPORT # 046		4/09/2021				
						SPUD: 21/07/2021		DAY # 048				
WELL	West Mereneie 28	24:00 MD/ TVD	1332m BRT	DRILLED		AFE DAYS / COST	23	\$6,507,879				
RIG	EWG 27	FORMATION	Pacoota Sandstone P1 and P3.		DAILY COST	\$91,729	CUM.	\$6,526,553				
DAILY OP'S SUMMARY		Continued with Wire-line operations. Attempted to retrieve junk catcher from P3 packer. Continued Bailing to clear debris from top of Junk catcher. RIH 2 x Slick-line Spears. Followed by Bailing runs. Failed to retrieve Junk Catcher. Opened and Flowed P1 formation for 12 hours. 27psi at 12/64 Choke. Sump free board 1.0m.										
FORECAST OP'S		Continued attempting to retrieve junk catcher from P3 packer. Failed to retrieve Junk Catcher. Required additional Slick-line tools. Release rig to WM-19. Rig move. MIRU. Conduct WO operations on WM-19.										
LAST CASING	178mm	7.0"	SET AT	1240.2m	FIT	21.5 EMW	MAASP	2761psi	BOP TEST	19/08	DUE	09/09
LAST L.T.I. 852 Days		SAFETY					1. Preparing for Rig move. Well site hand had been received. Roads and lease inspections completed. 2. House keeping during Rig move operations. Crews to remain focused on maintaining a clean and tidy work area.					
							WEATHER: Day Fine 17 deg C					
							Night Fine 09 deg C					

BIT INFORMATION			TOOL		LENGTH		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Klb)							Mud Type		1 Move/ Rig Up/Down			56.50
RPM							Depth (m)	1243	2 Drilling			274.75
BIT NUMBER	7	6					Density (ppg)	8.45	3 Wash / Ream			36.75
Size (inches)	6.0	8.5					ECD (ppg)		4 Coring			
Make	NOV	Reed					Temp (° C)		5 Circ & Condition			38.75
Type	PDC TFA: 1.4036	PDC Hycalog					Viscosity (sec)	27	6 Tripping- Bit / Casing			72.25
IADC Code		TK-66					PV / YP (cp/lb)	1 / 1	6.1 Tripping- Other			44.50
Serial Number	A271278	A278400					Gels (10s/m)	1 / 1	6.2 Wiper Trip			13.25
T.F.A. (in)	4.712	4.712					API Filt. (cc)	N/C	6.3 Handle BHA			47.25
Depth In (m)	1243.17	1182					Sand (% Vol)		7 Service / Slip Line			4.50
Depth Out (m)	1332	1243.17					KCl (%)	2.0	8 Repairs			24.75
Total Meters	88.83	61.17					pH (strip)	10.0	10 Survey			0.75
Hours IADC OnBtm	11 11	13 13					LGS %/Vol	0.0	11 Logging			111.50
ROP IADC OnBtm	8.1 8.1	4.7 4.7					Chlorides (ppm)	10000	12 RU for Csg / Cmt			9.00
Condition Out	2 3 WT N X 0 CT TD						Surface Vol. (Bbls)		12.1 Run Casing			20.50
FLOW DATA			BHA LENGTH				Hole Vol.		161			18.75
RATE (gpm/lps)			BHA WEIGHT				Mud Mixed					21.00
AV - DP (fpm/mpm)			STRING WT				New Hole Drilled					40.25
AV - DC (fpm/mpm)			HOOK LOAD				Downhole Losses					37.25
SPP (psi/atm)			WT BELOW JARS				Surface Losses					0.50
SPP (Calculated)			HOURS: JAR MTR				CHEMICAL USAGE				21 Completion	24.00 145.50
PUMP DATA			DRAG: UP DOWN								21.1 Well Control	86.25
#1: Emsco F-800	STROKE	9.0"	TORQUE: ON OFF								21.2 Other	47.50
RATE			SURVEYS: MD INC' AZ'								TOTALS	24.00 1095.50
LINER	6.75"		1206 2.3 41.2								NON PRODUCTIVE	
#2: Emsco F-800	STROKE										PRODUCTS: USED REC ON SITE	
RATE											DIESEL (L)	
LINER											BARITE (T)	
#3: 0	STROKE										DRILL WATER	
RATE											DAILY MUD COSTS	
LINER											CUM. MUD COSTS	\$327,871.55

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	2:00	[21] RIH with 1.75in Bailer assembly. Tagged HUD at 1210m Bailed down to 1211.75m. POOH and recovered bailer. Found Bailer had a small amount of debris. Held discussions with Expro operators and decision made to RIH with a 1.86" Gauge Ring / Cutter, with the intent to remove debris from the walls of the tubing above the Junk catcher.
2:00	3:15	[21] MU and RIH with 1.86in Gauge Cutter. Located an obstruction at 1204m, reciprocated Gauge cutter and continued to RIH to ~1211m. Appeared to be a solid tag. POOH and recovered the 1.86" Gauge cutter.
3:15	5:00	[21] RIH with 1.75in Bailer assembly. Tagged HUD at 1211m Bailed down to 1211.75m. POOH and recovered bailer. Found Bailer had a small amount of debris. Decision made to conduct a dummy run with the GS tool without keys. Note: Off-line: Short String flowed for 12 hours, recorded 31 psi. (11 psi increase in a 12 hour flow period)
5:00	6:00	[21] MU and RIH with GS running tool, Located HUD at ~1211.50m, Appeared to be a good solid tag. Jarred down several times. POOH and recovered the GS pulling tool. Found the GS tool had not the brass pin.
6:00	11:00	[21] RIH with 1.75" Bailer, worked bailer at 1211.7m, POOH bailer full, Re-run work bailer some over pull at 1206m, POOH 1/4 full of debris, Re-run bailer work at top of junk catcher, small amount 30mm.
11:00	15:00	[21] R/U on SS RIH blind box estimated fluid level at 910m, Off line, Dropped 1 x soap stick down SS side, let sit for 40min, open up well, Dropped 2 x soap sticks in SS, shut well let sit 2 hrs then open again quickly to try & unload fluid from well 622psi
15:00	18:00	[21] M/U 0.8m 3/4" sucker rod spear to RIH and attempt to free up packed debris in junk catcher at 1211.7m.
18:00	19:30	[21] RIH with 1.75" Bailer, worked bailer at 1211.7m, POOH bailer found small amounts of fill (~200ml)
19:30	21:15	[21] RIH with Prong / Spear with the intent to free/dislodge the packed debris in the top of junk catcher. Slick-line depth tagged HUD at 1209.75 and worked Spear down to 1210.25m. Reciprocated Spear in and out of the catcher multipool times. POOH with Spear.
21:15	22:45	[21] MU and RIH with 1.5in Bailer assembly. Slick-line depth located HUD at 1210.25m Stroked Bailer several times. POOH with Bailer assembly. Found very little amount of debris inside Bailer. (75ml)
22:45	0:00	[21] RIH with 1.75" Bailer, worked bailer at 1210.75m, POOH with Bailer assembly. Found very little amount of debris inside Bailer. (50ml)

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 05/09/21		
From	To	Description
0:00	1:15	MU and RIH with GS running tool, Located HUD at ~1210.75m, Appeared to be a good solid tag. Jarred down 151 times. POOH and recovered the GS pulling tool. Found the GS tool had indents on the shear pin, but had not yet sheared. Installed a New shear pin into the GS tool
1:15	3:30	RIH with GS running tool, Located HUD at ~1210.75m, Appeared to be a good solid tag. Jarred down 50 times. POOH and recovered the GS pulling tool. Found the GS tool had indents on the shear pin, but had not yet sheared.
3:30	4:00	Decision made to Suspend Slick-line operations. Planned to order in additional Slick-line tools (Hydrostatic bailer and if possible a hollow type spear that would fit inside the Junk Catcher) Rigged down Slick-line unit.

POB-34: EWG - 19, CTP - 2, Howco - 2, O/Creek - 1, Coho - 0, IOT - 4, Expro - 4, Cactus - , NMT - 2		22,896 Hrs
RECEIVED:		DISPATCHED:
MAXIMUM GAS: 4978 U @ 1263.5m	BACKGROUND GAS: 4991 U	CONNECTION GAS: 1259.5 U
SUPERVISOR: Kev Dau / Norm Nixon.		TRIP GAS: Luke Job
GEOLOGIST:		RIG MGR: