

			DAILY DRILLING REPORT				REPORT # 045		3/09/2021	
							SPUD: 21/07/2021		DAY # 047	
WELL	West Mereenie 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	\$88,000	CUM.	\$6,431,094	
DAILY OP'S SUMMARY			Continued with Wire-line operations. Attempted to retrieve junk catcher from P3 packer. Lost Jarring action on Slick-line tools, SL became stuck at 1209m. Cut line, Retrieved Line and cutter. Fished original running tools. RIH and continued Bailing to clear debris from top of Junk catcher. Opened and Flowed P1 formation for 12 hours. 27psi at 12/64 Choke. Sump free board 1.0m							
FORECAST OP'S			Continued to retrieve junk catcher from P3 packer. Conduct further Slick-line work. Flow test P-1 Short String. Flow test P-3 Long string, Release rig.							
LAST CASING			178mm	7.0"	SET AT	1240.2m	FIT	21.5 EMW	MAASP	2761psi
LAST L.T.I. 851 Days			SAFETY				1. Slick-line operations. Good communication required bleed off Well pressures to lubricator. Crew mindful of exclusion zones. 2. Use of pressure cleaner, crews to follow SOP and use PPE.			
							WEATHER: Day Fine 33 deg C Night Fine 11 deg C			

BIT INFORMATION			TOOL		LENGTH		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Kib)							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	12.2 Cementing		18.75
RATE (gpm/lps)			BHA WEIGHT			Mud Mixed				13 Wait on Cement		21.00
AV - DP (fpm/mpm)			STRING WT			New Hole Drilled				14 BOP's / Wellhead		40.25
AV - DC (fpm/mpm)			HOOK LOAD			Downhole Losses				15 Test BOP / Formation		37.25
SPP (psi/atm)			WT BELOW JARS			Surface Losses				19 Tight hole / Fishing		0.50
SPP (Calculated)			HOURS: JAR MTR			CHEMICAL USAGE				21 Completion	24.00	121.50
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	1071.50
LINER	6.75"		1206 2.3 41.2							NON PRODUCTIVE	8.00	195.00
#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	1:15	[21] Prepared, MU and RIH with 1.75in Slick-line Bailer. Located top of Junk Catcher at ~1210m, stroked bailer to capture fill/debris from top of Junk Catcher. POOH. Bailer recovered with silt and debris. Decision made to conduct a 2nd Bailer run.
1:15	3:30	[21] Re-dressed 1.75" Bailer and RIH, Located top of Junk catcher at ~1211m, Stroked bailer and POOH. Found large amounts of silt and debris inside bailer. Decision made to conduct a 3rd Bailing run.
3:30	5:00	[21] Re-dressed 1.75" Bailer and RIH, Located top of Junk catcher at ~1211m, Stroked bailer and POOH. Found smaller amounts of silt and debris inside bailer.
5:00	10:00	[21] NPT- RIH with GS wire-line running tool to pull Junk Catcher. Located Junk catcher at ~1210m, commenced to engaged GS retrieval tool onto the Junk catcher, attempt to jar free, Jars not working, Attempt to surge well with N2, Pressured up to 1100psi with N2, with tension on wire line, Bleed off press quickly through choke manifold 3 times down to zero pressure.
10:00	11:00	[21] NPT- Direction from CTP management was if unsuccessful in getting SL jars to work or no progress in movement up the hole to proceed to cut WL down hole at top of rope socket. Prepare slick line cutter, Held safety meeting.
11:00	12:30	[21] NPT- As per Expro SOP's secure SL cutter to slick line, drop cutter bar and cut slick line at top of rope socket 1202m, POOH with wire line.
12:30	13:00	[21] NPT- Cut 20m of line off, re-tie rope socket, Pin tools for retrieving SL cutter.
13:00	16:30	[21] RIH with overshot to retrieve SL cutting tool, POOH L/O line cutter, MU LIB RIH, POOH no indication of wire in hole good impression in centre of LIB, M/U O/S and jars. . Off-line: Noted a Slow build up of pressure on LS 4hrs up to 340psi.
16:30	20:30	[21] RIH with RB Slick-line tool. Tagged TOF at ~1203m. Engaged RB latching tool. Worked hydraulic jars for ~30 minutes. Fish became free. POOH and recovered Slick-line running tools and Fish. Broke out and laid down Fish. Cleaned Slick-line tools. Re-tied Rope socket. Off-line: Short String opened up to flare at 17:00 hours. Initial pressure 1230 psi. Flowing pressure bled down in quickly. and stabilised at 20 psi on a 12/64in Choke.
20:30	22:00	[21] RIH with 1.75in Bailer assembly. Tagged HUD at 1208m Bailed down to 1211m. POOH and recovered bailer. Found Bailer was full of debris. Decision made to re-run Bailer.
22:00	0:00	[21] RIH with 1.75in Bailer assembly. Tagged HUD at 1210m Bailed down to 1211.75m. POOH and recovered bailer. Found Bailer was again full of debris. Decision made to re-run Bailer.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 04/09/21		
From	To	Description
0:00	2:00	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	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	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	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 sheared the brass pin. Indictaed that a solid bottom had been reached.

POB-31: EWG - 19, CTP - 2, Howco - 1, O/Creek - 1, Coho - 1, IOT - 4, Expro - 4, Cactus - , NMT - 1				22,452 Hrs	
RECEIVED:			DISPATCHED:		
MAXIMUM GAS: 4978 U @ 1263.5m		BACKGROUND GAS: 4991 U		CONNECTION GAS: 1259.5 U	
SUPERVISOR: Kev Dau / Norm Nixon.		GEOLOGIST:		RIG MGR: Luke Job	