

			<h2 style="text-align: center;">DAILY DRILLING REPORT</h2>			REPORT # 043		1/09/2021	
						SPUD: 21/07/2021		DAY # 045	
WELL	West Merenie 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		\$96,279	CUM. \$6,254,664
DAILY OP'S SUMMARY		Install Dual string Well-head assembly. RU work floor. Conduct Slick-line work. Displace Short string tubing with N2. Conducut Slick-line work, Line parted attempt to fish wire line tools, Sump free board 1.0m							
FORECAST OP'S		Conduct 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	BOP TEST 19/08 DUE 09/09
LAST L.T.I. 849 Days		SAFETY					WEATHER: Day Fine 33 deg C		
		1. Slick-line activities. Identified exclusion zones, Permits completed.					Night Fine 11 deg C		
		2. Prepare for Rig move. Ensure ALL loads are secured.							

BIT INFORMATION			TOOL		LENGTH	MUD PROPERTIES		OPERATION	HRS	CUM
WOB(Klb)		JET V(fps)				Mud Type		1 Move/ Rig Up/Down		56.50
RPM		H S I				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	73.50
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	1023.50
LINER	6.75"		1206 2.3 41.2					NON PRODUCTIVE	10.00	176.00
#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	0:45	[21] Completed opening SSD. RD Expro Slick-line. Expro could not confirm SSD was open. Decision made to attempt to circulate fluid to confirm SSD Open. Rigged aside Expro Slick-line. RU mud pump and pump 1.4 bbls down annulus took returns up Short string tubing. Confirmed SSD had in fact opened.
0:45	1:15	[21] Remove short string landing joint and Installed 2-WCVs into both Short and Long String. Pressure test landed tubing hanger to 250 psi and 3000 psi. 5x5 minutes. Bled down pressure. Removed 2-WCVs and Installed BPVs in to Long and short string tubing hangers.
1:15	1:30	[21] Rig down work floor. Rigged down IOT TBG tong and handling tools. ND and remove 7-1/16" gate valves from BOP Flow-cross.
1:30	4:00	[21] Removed work-floor stairs and raised Work-floor. Bled down Kooomey unit. Nipple down and removed BOPs
4:00	6:00	[21] N/U and Pressure tested Dual Well-head assembly as per Cactus Well-head procedures. Cactus technician supplied wellhead installation report.
6:00	7:15	[21] RU Work floor and prepare for Slick-line operations. Removed BPV from tubing hangers, Press tested Expro Lubricator to 2000psi ok
7:15	8:30	[21] Reviewed EWG JHA, R/U Nitrogen bottles and manifold to well-head. Pressure tested surface lines to 2000 psi.ok Off-load 10.5bbls of brine from tubing string with Nitrogen to trip tank. Shut annulus and TBG in.
8:30	10:30	[21] Expro Slick-line RIH and closed SSD. POH to recover the SSD closing tools.
10:30	11:00	[21] Shut-in tubing head pressure. Bleed down surface lines from the Nitrogen tanks and Lubricator, Change over tools. Bleed off N2 from TBG with Annulus open good indication that SSD closed, Annulus static, 248psi HSP in top of plug and prong.
11:00	12:00	[21] RIH retrieved junk catcher from on top of Prong and Plug at 1070.86m
12:00	14:00	[21] Change over tools, RIH to retrieve prong. PJSM, Pull prong, press slowly building up while POOH with slick line, 10min 100psi 20min 128psi, Lost weight on way out, slick line has parted.
14:00	15:30	[21] NPT- Expro consult with management on forward plan, M/U LIB (Lead Impression Block) tools, R/U Lubricator.
15:30	19:00	[21] NPT- RIH with LIB, 2 small marks on edge, RIH with overshot. Latched Over-shot and worked span jars, failed to release Prong and SL fish.
19:00	19:30	[21] NPT- After 2 hours of working the span jars, Slick-line, could not regain a latch on to top of fish. Suspected the Over-shot tool had sheared the shear pin. POOH with slick-line fishing tool string
19:30	20:00	[21] NPT- Found shear pin had not sheared. Decision made to install a new shear pin, extend the lubricator length and add additional weight bars to the fishing tools. Decision also made to RIH with a Blind Box Slick-line tool.
20:00	22:00	[21] NPT- MU Blind Box Slick-line tool and RIH located TOF. Jarred down ~5 times with the Blind box, suspected that there was slick line wire sitting on top of the fish. POH and recovered the Blind box slick-line tool.
22:00	0:00	[21] NPT- MU Wire-grabber fishing tool. RIH located TOF. Latched wire onto Wire-grabber fishing tool. Worked Fishing span jars attempt to free Prong and recover Slick-line fish.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 02/09/21		
0:00	1:30	MU Over-shot and RIH. Attempted to latched TOF. Failed, suspected wire remaned on top of TOF.
1:30	3:30	Re-tied Rope Socket. MU Blind Box Slick-line tool and RIH located TOF. Jarred down with the Blind box in an attempt to shear/part any Slick-line wire that may have been sitting on top of fish.
3:30	4:45	RIH with LIB. Took impression and POOH to recover the LIB. LIB showed NO impression of TOF Rope socket. Markings appeared to be inconclusive, suspected Slick-line wire may have been protruding up and on the sides of the TOF.
4:45	6:00	MU Wire-line Over-shot and RIH. Attempted to engage Over-shot on to TOF at 1063m

POB-34: EWG - 19, CTP - 2, Howco - 2, O/Creek - 1, Coho - 1, IOT - 4, Expro - 4, Cactus - 1								21,720 Hrs	
RECEIVED:								DISPATCHED: 25k sump fluid to WM27 sump	
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	