

			DAILY DRILLING REPORT			REPORT # 028		17/08/2021				
						SPUD: 21/07/2021		DAY # 030				
WELL	West Mereenie 28	24:00 MD/ TVD	1243m BRT	DRILLED		AFE DAYS / COST	23	\$6,507,879				
RIG	EWG 27	FORMATION	Pacoota Sandstone P2.	DAILY COST	\$92,450	CUM.	\$4,623,276					
DAILY OP'S SUMMARY		POOH with BHA#6. R/U Schlumberger for logging operations Run #1 FMI-DSI-HRLA-PEX-SP-GR, Run #2 CBL on 9 5/8" CSG. Flushed wellhead. Rigged up to run 7" casing, Sump free board 1.95m.										
FORECAST OP'S		RIH with 7" casing string, Circ, Prepared spacers, Cement 7" Intermediate casing, Install and test mandrel pack-off, Nipple down 11" BOP, Installed and test tubing head, N/U 7 1/16" BOP.										
LAST CASING	244mm	9.625"	SET AT	459.4m	FIT	12.7 EMW	MAASP	39psi	BOP TEST	04/08	DUE	25/08
LAST L.T.I. 834 Days		SAFETY 1. Running casing- be aware of crush points/ caught between 2. Working with 3rd party contractors (Schlumberger logging crews)					WEATHER: Day Fine 24 deg C Night Fine 1 deg C					

BIT INFORMATION			BHA # 7		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Kib)		JET V(fps)		TOOL	LENGTH	Mud Type	KCL/NIF	1 Move/ Rig Up/Down		48.00
RPM	50	H S I		Bit - PDC	0.24	Depth (m)	1243	2 Drilling		251.75
BIT NUMBER	6	5		Bit Sub	0.59	Density (ppg)	12.20	3 Wash / Ream		32.75
Size (inches)	8.5	8.5		Float Sub	0.92	ECD (ppg)		4 Coring		
Make	Reed	Smith		FS / XO / FS	0.92	Temp (° C)		5 Circ & Condition		42.00
Type	PDC Hycalog	Hammer		Heavy Weight DP	9.28	Viscosity (sec)	44	6 Tripping- Bit / Casing	7.00	62.75
IADC Code	TK-66			FS / XO / FS	0.36	PV / YP (cp/lb)	18 / 20	6.1 Tripping- Other		19.25
Serial Number	A278400	SA7178		17x Heavy Weight DP	159.16	Gels (10s/m)	11 / 12	6.2 Wiper Trip		12.75
T.F.A. (in)	14.137	4.712		Drilling Jars	9.28	API Filt. (cc)	7.0	6.3 Handle BHA	1.50	44.00
Depth In (m)	1182	467		8x Heavy Weight DP	75.16	Sand (% Vol)		7 Service / Slip Line		1.75
Depth Out (m)	1243	1182				KCl (%)	3.1	8 Repairs		17.50
Total Meters	61	715				pH (strip)	8.5	10 Survey		0.75
Hours IADC OnBtm	6.8 6.8	108 103.8				LGS %/Vol	12.1	11 Logging	10.50	10.50
ROP IADC OnBtm	9 9	6.6 6.9				Chlorides (ppm)	76000	12 RU for Csg / Cmt	1.50	9.00
Condition Out	1 1 NO A X 0 NO BHA					Surface Vol. (Bbls)	174	12.1 Run Casing		7.50
FLOW DATA				BHA LENGTH	255.91	Hole Vol.	264	12.2 Cementing		14.25
RATE (gpm/lps)				BHA WEIGHT	31.92	Mud Mixed	28	13 Wait on Cement		21.00
AV - DP (fpm/MPM)				STRING WT	73.58	New Hole Drilled		14 BOP's / Wellhead		13.50
AV - DC (fpm/MPM)				HOOK LOAD	90.00	Downhole Losses		15 Test BOP / Formation		19.50
SPP (psi/atm)	400	27		WT BELOW JARS	21.23	Surface Losses	30	19 Tight hole / Fishing		0.50
SPP (Calculated)				HOURS: JAR MTR	7.0	CHEMICAL USAGE		21 Completion		
PUMP DATA				DRAG: UP DOWN	2 2	Baryte	160	21.1 Well Control	3.50	73.50
#1: Emsco F-800	STROKE	9.0"		TORQUE: ON OFF	3900 200	Kwikseal Coarse	12	21.2 Other		17.50
RATE				SURVEYS: MD INC' AZ'		Kwikseal Fine	20	TOTALS	24.00	672.00
LINER	6.75"			1206 2.3 41.2		Kwikseal Medium	3	NON PRODUCTIVE		73.75
#2: Emsco F-800	STROKE					Sodium Sulphite	2	PRODUCTS: USED REC ON SITE		
RATE						Glut 9	2	DIESEL (L)		
LINER						DrillFoam X IBC	2	BARITE (T)		
#3: 0	STROKE							DRILL WATER	50k	
RATE								DAILY MUD COSTS \$8,219.43		
LINER								CUM. MUD COSTS \$322,354.33		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	2:00	[21.1] Shut-in Well and allowed LCM to soak across the P1 / P2 loss zones. Monitored build up of SICP. Commenced to condition the recovered mud, Mixed to 12.2ppg. Continued to flush DP every hour
2:00	2:30	[21.1] Pumped on DP, Pulled to 135klbs. To free string from stuck position. Pumped 160bbls of 12.2ppg drill mud. Monitored returns at the de-gasser. Recorded 11.7ppg MW after pumping 160bbl.
2:30	3:00	[21.1] Nil Gas flow at the flare line. Open Well and conducted flow check.
3:00	3:30	[21.1] Well pressures remained stable. Well bore fluid level stable, with No indications of Gas babbles in the annulus fluids.
3:30	3:45	[6] Prepared fluids in trip tank, Removed RCD rubber.
3:45	6:00	[6] POOH with BHA #06, to conduct Open Hole Logs. Noted tight hole at ~1166m. Reamed across depth and continued to POOH.
6:00	10:30	[6] Continue POOH Flow checked at the shoe and prior to pull the BHA well Static.
10:30	12:00	[6.3] Removed Wear Bushing, clear rig floor for logging operations.
12:00	12:30	[11] PJSM with SLB logging crew, Rigged up for logging operations.
12:30	15:00	[11] SLB complete pre-survey calibrations and load radioactive sources.
15:00	21:00	[11] Run #1 FMI-DSI-HRLA-PEX-SP-GR, Loggers got to bottom no problem 1243m, Calliper log indicated Well bore in good condition.
21:00	22:15	[11] Run #2 CBL-VDL-GR-CCL. Monitored well over trip tank. Used 0.19 bbls.
22:15	22:30	[11] Laid down tools. Rigged down wireline.
22:30	23:00	[12] Rigged up jetting tool and flushed wellhead internal components.
23:00	0:00	[12] PJSM. Installed casing running equipment. Rigged up to run casing.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 18/08/21		
0:00	1:30	Made up shoe track. Tested floats.
1:30	6:00	Continue RIH with 7" CSG to 565m

POB-46: EWG - 19, CTP - 4, ADA - 4, Howco - 2, G/Services - 4, O/Creek - 1, Coho - 1, IOT - 4, Momentum - 2, Expro - 3, Cactus - 0, Enermech - 2								14,040 Hrs	
RECEIVED:					DISPATCHED:				
MAXIMUM GAS: 4999 U @ 1118m		BACKGROUND GAS: 2700 U		CONNECTION GAS: 4900 U		TRIP GAS:			
SUPERVISOR: Kev Dau / Norm Nixon.			GEOLOGIST: Phil Allen, Paul Elliot			RIG MGR: Trevor Wigley			