DAILY DRILLING REPORT

Central Petroleum

REPORT # 030 — 19/08/2021

SPUD: 21/07/2021 — DAY # 032

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	$84,229	CUM.			$4,794,484

DAILY OP'S SUMMARY: Completed installation of pack-off assembly. Rig down BOP. Installed and tested tubing head. Installed 7 1/16" BOP, RCD and pressure tested. Make up 6" Bit and drilling BHA#7. Sump free board 0.8m.

FORECAST OP'S: RIH to drill out shoe track and 3m new hole to 1246m perform LOT, Unload well, Drill ahead 6" hole under-balanced drilling with N2.

LAST CASING			SET AT	FIT	MAASP	BOP TEST	DUE
	244mm	9.625"	459.4m	12.7 EMW	31psi	04/08	25/08

LAST L.T.I. 836 Days

SAFETY
1. NU BOPs and assembly of blooie line.
2. orking in confined areas, Cellars, Sub-base. Use permits when required.

WEATHER: Day Fine 26 deg C
Night Fine 1 deg C

BIT INFORMATION

WOB(Klb)		JET V(fps)	
RPM	50	H S I	
BIT NUMBER		6	5
Size (inches)		8.5	8.5
Make		Reed	Smith
Type		PDC Hycalog	Hammer
IADC Code		TK-66	437
Serial Number		A278400	SA7178
T.F.A. (in)		14.137	4.712
Depth In (m)		1182	467
Depth Out (m)		#VALUE!	1182
Total Meters		#VALUE!	715
Hours IADC | OnBtm		#VALUE!	108 | 103.8
ROP IADC | OnBtm		#VALUE!	6.6 | 6.9
Condition Out		#VALUE!	

FLOW DATA

RATE (gpm/lps)		
AV - DP (fpm/mpm)		
AV - DC (fpm/mpm)		
SPP (psi/atm)		
SPP (Calculated)		

PUMP DATA

#1: Emsco F-800		STROKE	9.0"
RATE			
LINER	6.75"		
#2: Emsco F-800		STROKE	
RATE			
LINER			
#3: 0		STROKE	
RATE			
LINER			

BHA # 7

TOOL	LENGTH
Bit - PDC	0.24
Bit Sub	0.59
Float Sub	0.92
FS / XO / FS	0.92
Heavy Weight DP	9.28
FS / XO / FS	0.36
17x Heavy Weight DP	159.16
Drilling Jars	9.28
8x Heavy Weight DP	75.16

BHA LENGTH	255.91	
BHA WEIGHT	31.86	
STRING WT	73.44	
HOOK LOAD	90.00	
WT BELOW JARS	21.19	
HOURS: JAR | MTR		
DRAG: UP | DOWN	2	2
TORQUE: ON | OFF	3900	200

SURVEYS: MD | INC° | AZ°

1206 | 2.3 | 41.2

MUD PROPERTIES

Mud Type	KCL/NIF	
Depth (m)		1243
Density (ppg)		12.30
ECD (ppg)		
Temp (° C)		
Viscosity (sec)		43
PV / YP (cp/lb)		15 / 21
Gels (10s/m)		12 / 13
API Filt. (cc)		8.0
Sand (% Vol)		
KCl (%)		3.0
pH (strip)		8.0
LGS %/Vol		12.9
Chlorides (ppm)		74000
Surface Vol. (Bbls)		332
Hole Vol.		264
Mud Mixed		30
New Hole Drilled		
Downhole Losses		
Surface Losses		-104

CHEMICAL USAGE

OPERATION

	HRS	CUM
1 Move/ Rig Up/Down		48.00
2 Drilling		251.75
3 Wash / Ream		33.25
4 Coring		
5 Circ & Condition		47.50
6 Tripping- Bit / Casing		62.75
6.1 Tripping- Other		19.25
6.2 Wiper Trip		12.75
6.3 Handle BHA		44.00
7 Service / Slip Line		1.75
8 Repairs		17.50
10 Survey		0.75
11 Logging		10.50
12 RU for Csg / Cmt		9.00
12.1 Run Casing		20.50
12.2 Cementing		18.75
13 Wait on Cement		21.00
14 BOP's / Wellhead	24.00	38.00
15 Test BOP / Formation		19.50
19 Tight hole / Fishing		0.50
21 Completion		
21.1 Well Control		73.50
21.2 Other		17.50
TOTALS	**24.00**	**720.00**
NON PRODUCTIVE		**73.75**

PRODUCTS: USED | REC | ON SITE

DIESEL (L)			
BARITE (T)			
DRILL WATER		35k	

DAILY MUD COSTS

CUM. MUD COSTS **$325,104.23**

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	0:30	[14] Washed over 7" casing hanger. Crew change.
0:30	3:30	[14] Installed mandrel hanger pack-off. Attempted to pressure test landed pack-off as per Cactus procedure. PT failed. Pulled the mandrel hanger pack-off assembly and inspected seals. Cleaned seals and re-installed Well-head mandrel pack-off assembly. Achieved a good pressure test on the landed Wellhead mandrel pack-off assembly.
3:30	8:00	[14] Attempted to engage the mandrel pack-off "locking ring". Experienced difficulties with engagement of the pack-off assembly locking ring. Could not obtain sufficient LH rotation to engage the lock ring. Removed mandrel hanger pack-off assy and inspected seals and assembly as per OEM procedures. Re-land hanger pack-off assembly and re-test to 250 psi / 5000 psi. 5 x 10min ok, Set locking ring and conducted 40k pull test ok, backed out running tool.
8:00	13:00	[14] PJSM, N/D 11" BOPs
13:00	14:45	[14] Installed 11" x 7 1/16" 5M Tubing spool orientate as per Production drawing 9950-050-GAR-0006, Press test as per Cactus IP 1239
14:45	15:30	[14] PTSM. Continued pressure test B-section installation to 5000 psi as per Cactus IP1239.
15:30	19:45	[14] Installed 7 1/16" BOP, RCD and 2 x 7 1/16" Blooie line valves off banjo box.
19:45	0:00	[14] Pressure tested Pipe Rams, annular, Blooie line valves x 2 and RCD. 250psi Low 5 mins, 2000 psi High 10 mins.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 20/08/21

0:00	0:15	Crew change PTSM, Discussed proposed work scope, identified hazard and controls.
0:15	1:30	Slip and Cut Drill line
1:30	3:30	Made up 6" PDC NOV bit with 6 x nozzles TFA 1.4036 and BHA #7. 255.91m.
3:30	4:15	RIH with 6" Bit, Clean-out BHA on 4" DP from 255.91m to 435m. Filled DP with fluid at 435m.
4:15	6:00	RIH from 435m to 1185m.

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 — **15,144 Hrs**

RECEIVED: 10 1.5 MT bulk bags of Barite, 320 sxs of Barite, 130 sxs of Kwikseal Medium, 90 sxs of Kwikseal Coarse, 90 sxs of Quickseal Coarse and 125 sxs each of Quickseal Medium and Fine

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