DAILY DRILLING REPORT

Central Petroleum

REPORT # 025 — 14/08/2021

SPUD: 21/07/2021 — DAY # 027

WELL	West Mereenie 28	24:00 MD/ TVD	1243m BRT	DRILLED		AFE DAYS / COST	23	$6,507,879
RIG	EWG 27	FORMATION	Pacoota P1: Upper and Lower	DAILY COST	$93,009	CUM.	$4,335,252	

DAILY OP'S SUMMARY

P1 Upper and Lower Flow test # 3 at 1243m Recorde 2.7MMSFD. Conducted a 100m Wiper trip. Kill Well. Well continued to flow Gas. Weigh up additional kill fluids. Received instructions to unload well and POOH under balanced, to retrieve XEM tool and DHM. POOH with Drilling BHA #5. Sump free board 1.75m.

FORECAST OP'S

Continued to POOH. B/O and L/O BHA. M/U New BHA and RIH New BHA, mix kill mud and Kill Well, POOH to conduct open hole logging.

LAST CASING	244mm	9.625"	SET AT	459.4m	FIT	12.7 EMW	MAASP	110psi	BOP TEST 04/08 — DUE 25/08

LAST L.T.I. 831 Days

SAFETY
1. PJSMs regarding Well Kill operations. Tripping under balanced.
2. TBMs regarding Handling BHA componets. Exclusion zones when handling BHA's.

WEATHER: Day Fine 24 deg C
Night Fine 4 deg C

BIT INFORMATION

WOB(Klb)	2-12	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	
Serial Number		A278400	SA7178
T.F.A. (in)		14.137	4.712
Depth In (m)		1182	467
Depth Out (m)		1243	1182
Total Meters		61	715
Hours IADC | OnBtm		6.8 | 6.8	108 | 103.8
ROP IADC | OnBtm		9 | 9	6.6 | 6.9
Condition Out			

FLOW DATA

RATE (gpm/lps)		
AV - DP (fpm/mpm)		
AV - DC (fpm/mpm)		
SPP (psi/atm)	736	50
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 # 6

TOOL	LENGTH
Bit - PDC	0.28
Bit Sub	0.89
Crossover Sub	0.50
Float Sub	0.92
FS / XO / FS	0.92
18x Heavy Weight DP	168.43
Crossover Sub	0.81
Drilling Jars	9.56
Crossover Sub	0.81
8x Heavy Weight DP	75.16

BHA LENGTH	258.28	
BHA WEIGHT	18.96	
STRING WT	61.23	
HOOK LOAD	90.00	
WT BELOW JARS	11.59	
HOURS: JAR | MTR	7.0	
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)		11.30
ECD (ppg)		
Temp (° C)		
Viscosity (sec)		42
PV / YP (cp/lb)		15 / 25
Gels (10s/m)		10 / 11
API Filt. (cc)		6.0
Sand (% Vol)		
KCl (%)		4.0
pH (strip)		9.0
LGS %/Vol		8.1
Chlorides (ppm)		102000
Surface Vol. (Bbls)		370
Hole Vol.		269
Mud Mixed		320
New Hole Drilled		
Downhole Losses		60
Surface Losses		183

CHEMICAL USAGE

AMC Defoamer S	2
Baryte	384
Soda Ash	1
Sodium Chloride	80
Xanthan Gum	2
Starch P	1
DrillFoam X IBC	2

OPERATION

	HRS	CUM
1 Move/ Rig Up/Down		48.00
2 Drilling		251.75
3 Wash / Ream		32.75
4 Coring		
5 Circ & Condition	9.00	42.00
6 Tripping- Bit / Casing	2.00	57.75
6.1 Tripping- Other	1.25	19.25
6.2 Wiper Trip		4.00
6.3 Handle BHA		39.25
7 Service / Slip Line		1.75
8 Repairs	1.00	17.50
10 Survey		0.75
11 Logging		
12 RU for Csg / Cmt		7.50
12.1 Run Casing		7.50
12.2 Cementing		14.25
13 Wait on Cement		21.00
14 BOP's / Wellhead		13.50
15 Test BOP / Formation	1.25	17.50
19 Tight hole / Fishing		0.50
21 Completion		
21.1 Well Control	9.50	34.00
21.2 Other		17.50
TOTALS	**24.00**	**600.00**
NON PRODUCTIVE	**1.00**	**73.75**

PRODUCTS: USED | REC | ON SITE

DIESEL (L)			
BARITE (T)			
DRILL WATER		75k	

DAILY MUD COSTS $8,779.49

CUM. MUD COSTS **$290,370.14**

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	1:00	[15] Commenced Well flow test as directed by onsite Geo's. 1in Adjustable Choke set at 48/64th (3/4") with a flow pressure of 201psi.
1:00	1:15	[15] Well flow test completed. Shut-in Well and monitored Well Shut-in pressures. Well pressures increased to 435psi in 35 minute. (Note: Pressure did not stabilise, A longer shut-in period would have obtained a higher Shut-in pressure)
1:15	1:00	[5] Bled down Shut-in pressures. Lined up Well bore to flow down blooie line, engage primary jet and flare Well to flare pit. (Note: Sufficient time taken to bled down Well pressures to full open blooie line)
1:00	2:15	[6.1] Commenced wiper trip. Pooh to 1155m. No anomalies encountered. RIH to 1240m. No anomalies encountered.
2:15	5:00	[5] Commenced Well kill operations. Shut-in Well at Rig choke manifold. SICP at 245psi. Pump at 200 to 300GPM with SPP at 50psi. Pumped 165bbls of 11.5ppg kill fluids, to displace Well bore over to Kill mud. Held back pressure on the annulus. 200-250 psi. After pumping 170bbl maintained pump rate at 200 to 300GPM,bleed off annulus pressure at 15psi/minute for 5minutes. Pumped a total of 191 bbls 11.5ppg Kill mud. Mud pump failure.
5:00	6:00	[8] NPT- Repair mud pump
6:00	7:00	[5] Kill well at 250GPM. SPP at 40-50 psi. Proceeded to bled off annulus pressure at 15psi/minute for 10minutes. Pumped a total of 340 bbls of 11.5ppg, had 66bbls losses during kill operations.
7:00	12:00	[21.1] Rotate and work pipe every 15min also pump 5bbls every 30min, Hold press on choke bleed off every time it reaches 200psi back to 100psi approximately 30min, While build 100bbls volume and mix salt.
12:00	16:00	[21.1] PTSM and Weekly safety meeting, Continue Rotate pipe and work pipe every 15min, and circ 5bbls, continue to bleed off pressure from annulus, small flare at poor boy degasser vent line.
16:00	16:30	[21.1] Held Muster drill and PJSM on POOH to L/O mud motor, Decision was made to unload well and POOH on primary jet as requested by Eastern well personnel.
16:30	18:30	[5] Blow well dry displaced mud to tanks through Poor-boy degasser, unable to unload with N2 not enough scfm at 1500cfm, bypass N2 unit and unload well with 20gpm mist and 15gph foam, max press 1922psi to unload, recovered 260bbls of drill mud, Circulated with Air and allowed pressures to stabilize.
18:30	22:00	[5] Shut down Air package. Opened Well to blooie line and engaged primary jet. Flare ignited and Well flowing out blooie line. Openned BOPs and removed RCD head. Noted Gas venting from top of BOPs. Deemed hazardous condition. Suspected the primary jet had insufficient vacumm on the Well to direct Well bore flow from top of BOPs. Could not POOH. Decision made to investigate blooie line and primary jet components. Shut-in Well and Inspected Blooie line primary jet head. Made adjustments to the primary jet head. Decision made to adjust the position of the primary jet on the blooie line, Bleed down Well pressures and openned well to blooie line. Vacumm noted at the top of the BOPs and No Well bore gasses venting onto Work floor. Changed out RCD elelment.
22:00	0:00	[6] POOH with Drilling BHA#5. To recover XEM directional tool and Down Hole Motor.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 15/08/21

0:00	0:15	PTSM, Discussed tripping under blanced with on coming crew, Bit depth at 888m.
0:15	2:45	Continued to POOH with Drilling BHA#5. To recover XEM directional tool and Down Hole Motor.
2:45	5:30	Broke out laid down BHA. BHA components in good condition. Flushed DHM ok.
5:30	6:00	MU and RIH with New BHA # 6

POB-41: EWG - 19, CTP - 4, ADA - 4, Howco - 2, G/Services - 3, O/Creek - 2, Coho - 1, IOT - 4, NMT - 0, Expro - 0, Cactus - 0, Enermech - 2 — **12,444 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