DAILY DRILLING REPORT

Central Petroleum

REPORT # 033	22/08/2021
SPUD: 21/07/2021	DAY # 035

WELL	West Mereenie 28	24:00 MD/ TVD	1332m BRT	DRILLED		AFE DAYS / COST	23	$6,507,879
RIG	EWG 27	FORMATION	Pacoota Sandstone P3.	DAILY COST	$91,398	CUM.	$5,061,523	

DAILY OP'S SUMMARY Wait on Snubbing unit. Repair time Rig carrier. Repair time Momentum. POH Drilling BHA. Prepare Bit and Scrapper BHA. Wait on Snubbing crew, Sump free board 0.8m

FORECAST OP'S Wait on Snubbing operators. MU Bit & Scraper Snub in hole to 1213m. POOH to ~475m. Wait on Snubbing operators.

LAST CASING	178mm	7.0"	SET AT	1240.2m	FIT	21.5 EMW	MAASP	2772psi	BOP TEST	04/08	DUE	25/08

LAST L.T.I. 839 Days

SAFETY 1. PTSM, Working on flowing Wells with snubbing unit.
2. TBM, Rig maintenance, repairs to hydraulic motor on Rig carrier. Complete permits as required. Wear PPE and be aware of exclussion zones.

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

BIT INFORMATION

WOB(Klb)	2-10	JET V(fps)	
RPM	70	H S I	
BIT NUMBER		7	6
Size (inches)		6.0	8.5
Make		NOV	Reed
Type		PDC TFA: 1.4036	PDC Hycalog
IADC Code			TK-66
Serial Number		A271278	A278400
T.F.A. (in)		4.712	4.712
Depth In (m)		1243.17	1182
Depth Out (m)		1332	1243.17
Total Meters		88.83	61.17
Hours IADC | OnBtm		11 | 11	13 | 13
ROP IADC | OnBtm		8.1 | 8.1	4.7 | 4.7
Condition Out			

FLOW DATA

RATE (gpm/lps)		
AV - DP (fpm/mpm)		
AV - DC (fpm/mpm)		
SPP (psi/atm)	740	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 # 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	34.20	
STRING WT	82.87	
HOOK LOAD	85.00	
WT BELOW JARS	22.75	
HOURS: JAR | MTR		
DRAG: UP | DOWN	2	2
TORQUE: ON | OFF	5200	1100

SURVEYS: MD | INC° | AZ°

1206 | 2.3 | 41.2

MUD PROPERTIES

Mud Type	MIST/FOAM	
Depth (m)		1243
Density (ppg)		8.40
ECD (ppg)		
Temp (° C)		
Viscosity (sec)		27
PV / YP (cp/lb)		1 / 1
Gels (10s/m)		1 / 1
API Filt. (cc)		NC
Sand (% Vol)		
KCl (%)		
pH (strip)		7.0
LGS %/Vol		.
Chlorides (ppm)		500
Surface Vol. (Bbls)		330
Hole Vol.		127
Mud Mixed		90
New Hole Drilled		
Downhole Losses		
Surface Losses		-170

CHEMICAL USAGE

Potassium Chloride	26
Soda Ash	2
Glut 9	2

OPERATION

	HRS	CUM
1 Move/ Rig Up/Down	6.00	56.50
2 Drilling		274.75
3 Wash / Ream		36.75
4 Coring		
5 Circ & Condition		38.75
6 Tripping- Bit / Casing		72.25
6.1 Tripping- Other	2.50	20.75
6.2 Wiper Trip		13.25
6.3 Handle BHA		46.00
7 Service / Slip Line		4.50
8 Repairs	5.75	24.75
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		38.25
15 Test BOP / Formation		23.25
19 Tight hole / Fishing		0.50
21 Completion		
21.1 Well Control	0.75	82.75
21.2 Other	9.00	26.50
TOTALS	**24.00**	**783.50**
NON PRODUCTIVE	**14.75**	**90.00**

PRODUCTS: USED | REC | ON SITE

DIESEL (L)			
BARITE (T)			
DRILL WATER		25k	

DAILY MUD COSTS	$668.58
CUM. MUD COSTS	**$326,455.45**

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	6:00	[1] Continued to RU Snubbing package. Pressure test Snubbing unit as per Momentum procedures. Experienced some difficulties with PT on blooie line 7-1/16" gate valves, tested ok.
6:00	15:00	[21.2] NPT- Rig continue with rig maintenance while wait on Momentum personnel to have 8hr break out of hours, Prepared 250bbls of completion brine, Monitor well 959psi 13:00hrs, 964psi 15:00hrs.
15:00	15:45	[21.1] Held PJSM with Momentum prior to snubbing operations.
15:45	18:30	[8] NPT- Mechanic troubleshoot Rig hydraulic problem (no hydraulics to drillers console), Changed out Hyd pump old pump had a stripped shaft.
18:30	21:30	[8] NPT- Found Momentum BOP equalizing valve had failed. Repair fault.
21:30	22:30	[6.1] Held PJSM with Momentum prior to snubbing operations. Equalized Well bore pressure to Snubbing cavity. Pulled tubing hanger. Lined up Well bore flow out to blooie line. Engaged primary jet
22:30	0:00	[6.1] Commenced to snub BHA#7 out of hole to recover 6" PDC Bit.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 23/08/21

0:00	1:45	Continued to POOH with Drilling BHA #7 to recover 6" Bit
1:45	3:00	6" Bit at surface. Momentum operators had completed 12 hours works. Requested fatigue break MU 6-1/8" Bit and 7" casing scraper. Removed HWDP from pipe racks. Loaded and re-strapped 4" Drill pipe on pipe racks. Wait on Snubbing operators.
3:00	6:00	Continued to wait on Snubbing unit operators.

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 **16,800 Hrs**

RECEIVED: DISPATCHED:

MAXIMUM GAS:	4978 U @ 1263.5m	BACKGROUND GAS:	4991 U	CONNECTION GAS:	1259.5 U	TRIP GAS:	

SUPERVISOR: Kev Dau / Norm Nixon.	GEOLOGIST: Phil Allen, Paul Elliot	RIG MGR: Trevor Wigley