DAILY DRILLING REPORT

Central Petroleum

REPORT # 011 — 31/07/2021

SPUD: 21/07/2021 — DAY # 013

WELL	West Mereenie 28	24:00 MD/ TVD	426m BRT	DRILLED	13m	AFE DAYS / COST	23	$6,507,879	
RIG	EWG 27	FORMATION	Carmichael Sandstone	DAILY COST	$74,024	CUM.	$2,886,535		

DAILY OP'S SUMMARY: Drilled out LCM cement plug, drilled ahead from 413m to 426m, TLC, POOH L/O BHA, RIH cement stinger to 257m, Pumped 100mts - 48bbls LCM cement plug #3, POOH 95m, flushed drill string with 37bbls, POOH L/O Cement stinger.Freeboard Height 1.83m

FORECAST OP'S: WOC, M/U BHA to 8" D/C's slip drilling line, WOC, RIH tag TOC, Drill out cement to TD 426m, Drill ahead from 426m to TD, Circ, POOH for 9 5/8" CSG.

LAST CASING	340mm	13.375"	SET AT	21.0m		MAASP		BOP TEST	NIL	DUE	

LAST L.T.I. 817 Days

SAFETY: 1. Exclusion zone around pipe handler while drilling, Weekly safety Mtg.
2. Dropped objects, line of fire. Weekly safety Mtg.

WEATHER: Day Fine 24 deg C
Night Fine 9 deg C

BIT INFORMATION

WOB(Klb)	5-10	JET V(fps)	27
RPM	50	H S I	0.01
BIT NUMBER		3	3
Size (inches)		12.25	12.25
Make		NOV	NOV
Type		TK665	TK665
IADC Code		M620	M620
Serial Number		S274769	S274769
T.F.A. (in)		4.712	4.712
Depth In (m)		358	202
Depth Out (m)		358	358
Total Meters			156
Hours IADC | OnBtm		50.5 | 7	50.5 | 50.5
ROP IADC | OnBtm		0 | 0	3.1 | 3.1
Condition Out			1 NO DTF

FLOW DATA

RATE (gpm/lps)	398	25.1
AV - DP (fpm/mpm)	73	22
AV - DC (fpm/mpm)	125	38
SPP (psi/atm)	475	32
SPP (Calculated)	440	30

PUMP DATA

#1: Emsco F-800		STROKE	9.0"
RATE	98		
LINER	6.75"		
#2: Emsco F-800		STROKE	
RATE			
LINER			
#3: 0		STROKE	
RATE			
LINER			

BHA # 4

TOOL	LENGTH
Bit - PDC	0.40
Down Hole Motor	9.60
2x Drill Collar- 8 1/2"	18.61
Stabiliser	1.89
2x Drill Collar- 8 1/2"	18.66
Crossover Sub	0.35
11x Drill Collar- 5 1/2"	100.98
Crossover Sub	0.41
Drilling Jars	9.56
Crossover Sub	0.76
3x Drill Collar- 5 1/2"	27.08
6x Heavy Weight DP	55.41
Crossover Sub	0.50

BHA LENGTH	244.21	
BHA WEIGHT	52.27	
STRING WT	60.49	
HOOK LOAD	70.00	
WT BELOW JARS	41.18	
HOURS: JAR | MTR		
DRAG: UP | DOWN	1	2
TORQUE: ON | OFF	4000	500

SURVEYS: MD | INC° | AZ°

0 | 0 | 0

MUD PROPERTIES

Mud Type	Water	
Depth (m)	426	
Density (ppg)	8.40	
ECD (ppg)	8.41	
Temp (° C)		
Viscosity (sec)	41	
PV / YP (cp/lb)	1 / 1	
Gels (10s/m)	1 / 1	
API Filt. (cc)	1.0	
Sand (% Vol)		
KCl (%)		
pH (strip)	8.5	
LGS %/Vol	0.3	
Chlorides (ppm)	600	
Surface Vol. (Bbls)		288
Hole Vol.		177
Mud Mixed		1720
New Hole Drilled		6.2
Downhole Losses		1720
Surface Losses		-17

CHEMICAL USAGE

AMCPacLV	3
Citric Acid	8
Sodium Bicarbonate	8
Xanthan Gum	2

OPERATION

	HRS	CUM
1 Move/ Rig Up/Down		48.00
2 Drilling	1.25	130.25
3 Wash / Ream	14.50	19.25
4 Coring		
5 Circ & Condition	0.25	5.50
6 Tripping- Bit / Casing		34.00
6.1 Tripping- Other	2.50	8.25
6.2 Wiper Trip		
6.3 Handle BHA	3.75	16.50
7 Service / Slip Line		0.50
8 Repairs		9.75
10 Survey		
11 Logging		
12 RU for Csg / Cmt		1.75
12.1 Run Casing		0.50
12.2 Cementing	1.75	7.75
13 Wait on Cement		12.00
14 BOP's / Wellhead		
15 Test BOP / Formation		
19 Tight hole / Fishing		0.50
21 Completion		
21.1 Well Control		
21.2 Other		17.50
TOTALS	**24.00**	**264.00**
NON PRODUCTIVE	**8.25**	**25.25**

PRODUCTS: USED | REC | ON SITE

DIESEL (L)			
BARITE (T)			
DRILL WATER		98k	

DAILY MUD COSTS	$1,153.02
CUM. MUD COSTS	**$67,355.29**

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	6:00	[3] Washed/reamed cement and cement stringers from 152.45m to 252m RT. WOB 3-7 k, Rotary 30-60 RPM, OFF BTM TQE 800- 3500ft.lbs, 390 GPM, SPP 350 psi.
6:00	12:00	[3] Drilled out cement from 250m to 370m, WOB 10k, RPM 50, TRQ 2500 ft.lbs, GPM 400, SPP 320psi
12:00	14:30	[3] Weekly Sft Mtg and PTSM, Drilled out cement from 370m to 413m, WOB 7-9k, RPM 50, TRQ 1500-4500 ft.lbs, GPM 398, SPP 495psi, (Had TLC from 380m)
14:30	15:45	[2] PTSM, Drilled ahead 12 1/4" hole from 413m to 426m (TLC), WOB 7-9k, RPM 50, TRQ 1500-4500 ft.lbs, GPM 398, SPP 495psi, Transfer 20bbls and 40bbls of 40-60ppb LCM pills into active system.
15:45	16:15	[6.1] NPT- POOH due to Losses from 426m to 234m with drill pipe.
16:15	20:00	[6.3] NPT- POOH with BHA, Flush DHM, clear rig floor of BHA handling tools.
20:00	21:00	[6.1] NPT- RIH with 15 x joints of 2 3/8" TBG cement stinger and 6 stands of D/P to 257m
21:00	21:45	[12.2] NPT- Held PJSM with Halliburton, Mix chemicals for cementing operations, Rigged up surface lines
21:45	22:45	[12.2] NPT- Pumped 5bbls water to flush surface lines, Press tested surface lines 500psi low and 2000psi high 5min x 5min Pass, Pumped 20bbls of Flo-Chek reactive spacer, flushed out tanks, Pumped 5bbls water, Mixed and pumped 48bbls of 15.8ppg cement slurry, displaced with 10bbls of water.
22:45	23:00	[6.1] NPT- Rigged down cementing surface lines pipe on vacuum, POOH 5 stands to 162m
23:00	23:15	[5] NPT- Pumped 37bbls water with rig pump at 300GPM
23:15	0:00	[6.1] NPT- POOH with 2 x D/P and 15 x joints of 2 3/8" EUE cement stinger.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 01/08/21

0:00	0:15	WOC, Held weekly Sft Mtg with night shift and PTSM, discussed open hazards and status, turkey nest and sump liners.
0:15	2:00	While WOC, Made up 12 1/4" Bit, mud motor, 3 x 8" D/C's.
2:00	3:00	WOC, PJSM, Slipped drilling line.
3:00	6:00	WOC, build volume, Fill well with 40bbls of water.

POB-37: EWG - 20, CTP - 4, ADA - 4, Howco - 2, G/Services - 4, O/Creek - 2, Coho - 1, IOT - 0, NMT - 0, Expro - 0, Cactus - 0, DBCH - 0 — **5,892 Hrs**

RECEIVED: DISPATCHED:

MAXIMUM GAS:	BACKGROUND GAS: .05 U	CONNECTION GAS: .05 U	TRIP GAS:

SUPERVISOR: A Phillis, Norm Nixon / Kev Dau. **GEOLOGIST:** Phil Allen, Paul Elliot **RIG MGR:** Luke Job