DAILY DRILLING REPORT

Central Petroleum

REPORT # 014 — 3/08/2021

SPUD: 21/07/2021 — DAY # 016

WELL	West Mereenie 28	24:00 MD/ TVD	463m BRT	DRILLED		AFE DAYS / COST	23	$6,507,879
RIG	EWG 27	FORMATION	Upper Stokes Siltstone	DAILY COST	$164,603	CUM.		$3,206,869

DAILY OP'S SUMMARY: POOH, Flush and L/O BHA, PJSM, R/U to run CSG, RIH 9 5/8" CSG, Circ, PJSM Cement CSG and 15bbl top-up Job. Sump freeboard height 1.32m

FORECAST OP'S: L/O Cement head and landing joint, N/U 11" BOPE, Function test and Press test BOP's and well head, M/U drill out BHA and RIH.

LAST CASING			SET AT		MAASP		BOP TEST	NIL	DUE	
244mm	9.625"	459.4m								

LAST L.T.I. 820 Days

SAFETY
1. Suspended loads, Housekeeping, Slinging techniques.
2. Running CSG, Pinch points, dropped objects.

WEATHER: Day Fine 19 deg C
Night Fine 0 deg C

BIT INFORMATION

WOB(Klb)		JET V(fps)	
RPM		H S I	
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 | 12	50.5 | 50.5
ROP IADC | OnBtm		0 | 0	3.1 | 3.1
Condition Out		1 1 WT N X 1 NO TD	

FLOW DATA

RATE (gpm/lps)		
AV - DP (fpm/mpm)		
AV - DC (fpm/mpm)		
SPP (psi/atm)	25	2
SPP (Calculated)		

PUMP DATA

#1: Emsco F-800		STROKE	9.0"
RATE			
LINER	6.75"		
#2: Emsco F-800		STROKE	
RATE	50		
LINER			
#3: 0		STROKE	
RATE			
LINER			

TOOL	LENGTH

BHA LENGTH		
BHA WEIGHT		
STRING WT		
HOOK LOAD	60.00	
WT BELOW JARS		
HOURS: JAR | MTR		
DRAG: UP | DOWN		
TORQUE: ON | OFF		

SURVEYS: MD | INC° | AZ°

0	0	0

MUD PROPERTIES

Mud Type	KCL Polymer	
Depth (m)	463	
Density (ppg)	8.40	
ECD (ppg)		
Temp (° C)		
Viscosity (sec)	36	
PV / YP (cp/lb)	7 / 12	
Gels (10s/m)	4 / 6	
API Filt. (cc)	1.0	
Sand (% Vol)		
KCl (%)		
pH (strip)	8.5	
LGS %/Vol	0.4	
Chlorides (ppm)	2000	
Surface Vol. (Bbls)	252	
Hole Vol.	118	
Mud Mixed	600	
New Hole Drilled		
Downhole Losses	630	
Surface Losses	40	

CHEMICAL USAGE

Potassium Chloride	44
Xanthan Gum	4

OPERATION

	HRS	CUM
1 Move/ Rig Up/Down		48.00
2 Drilling		135.25
3 Wash / Ream		29.00
4 Coring		
5 Circ & Condition	1.00	11.75
6 Tripping- Bit / Casing	1.50	35.50
6.1 Tripping- Other		18.00
6.2 Wiper Trip		4.00
6.3 Handle BHA	4.50	24.50
7 Service / Slip Line		0.50
8 Repairs		9.75
10 Survey		
11 Logging		
12 RU for Csg / Cmt	4.75	6.50
12.1 Run Casing	7.00	7.50
12.2 Cementing	4.75	14.25
13 Wait on Cement		21.00
14 BOP's / Wellhead	0.50	0.50
15 Test BOP / Formation		
19 Tight hole / Fishing		0.50
21 Completion		
21.1 Well Control		
21.2 Other		17.50
TOTALS	**24.00**	**336.00**
NON PRODUCTIVE		**62.00**

PRODUCTS: USED | REC | ON SITE

DIESEL (L)			
BARITE (T)			
DRILL WATER		225k	

DAILY MUD COSTS	$1,253.84
CUM. MUD COSTS	**$78,596.51**

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	1:30	[6] PTSM, Flow checked well, well static, POOH to run CSG.
1:30	6:00	[6.3] POOH L/O BHA, Flush mud motor with fresh water, Clear rig floor of handling tools.
6:00	10:00	[12] N/D and L/O riser, cut conductor at cellar floor, Rigged up to run 9 5/8" CSG.
10:00	17:00	[12.1] Run 39 joints of 9 5/8" CSG, CSG taking weight at 411m, Washed down to bottom.
17:00	17:30	[14] Make up Landing Joint, Installed side valves.
17:30	18:30	[5] Circulated CSG at 448m, with 250GPM 42psi SPP, Good returns, Landed CSG at 459.42m RT, Circulated 2 x bottoms up well clean.
18:30	18:45	[12] Loaded plugs in cement head, L/O Circ swedge, N/U cement head and surface lines.
18:45	19:00	[12.2] Held PJSM with Halliburton, High pressure, Mix chemicals for cementing operations, Chemical burns, PPE.
19:00	22:00	[12.2] Cemented 9 5/8" CSG, Pumped 5bbls Press tested surface lines, low 790psi 5min and 3000psi high 5min ok, Pumped 20bbls of Econolite spacer, pumped 30bbl Hi-Vis gelled spacer, Dropped bottom plug, Mixed and pumped 112bbls of 12.5ppg lead slurry at 4BPM, 160psi, had some TLC from 93bbls, (Had blockage in cement powder delivery line 19min), Mixed and pumped 54.3bbls of 15.8ppg tail slurry at 4BPM, got returns back at 116bbls total pumped, Dropped top plug 21:14hrs, Displaced at 4BPM with 8.4ppg mud, Pumped 25bbls and TLC, regained Circ at 87bbls into displacement, TLC again at 93bbls, regain Circ at 96bbls, with 3bbls cement to surface, then TLC, Reduced to 2BPM Bumped plug with 350psi at 21:43hrs 113.2bbls, Pressured up CSG to 2046psi, tested for 10min ok, Bleed off 1,5bbls returned, Floats holding, lost a total of 102bbls during cement job.
22:00	23:30	[12.2] Mixed 20bbls of 15ppg cement slurry for top-up job and pumped into cellar, top filled annulus through circ ports with 15bbls, estimated cement had dropped 82m, Annulus static, discard 5bbls of excess cement.
23:30	0:00	[12] PTSM, Discussed N/U BOP's, Rigged down cement head and surface lines.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 04/08/21

0:00	1:00	Continue rigging down cementing equipment from rig floor, backed out running tool and landing joint L/O same.
1:00	3:30	Dig out dirt from each side of cellar and cut out cellar walls as to fit 11" BOP stack on WHD, (Cellar too small for 11" BOP stack-up).
3:30	6:00	PJSM, Installed 11" BOPE.

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 — **7,236 Hrs**

RECEIVED:

DISPATCHED:

MAXIMUM GAS:	BACKGROUND GAS:	CONNECTION GAS:	TRIP GAS:

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