



DAILY DRILLING REPORT

REPORT # 04231/08/2021
SPUD: 21/07/2021DAY # 044

WELLWest Mereenie 2824:00 MD/ TVD1336m BRTDRILLED4mAFE DAYS / COST23\$6,507,879

RIGEWG 27FORMATIONPacoota Sandstone P1 and P3.DAILY COST\$151,679CUM.\$6,158,385

DAILY OP'S SUMMARY
Expro Slick-line Set plug in X-Nipple below Dual packer. Halliburton Set Long String Dual packer. RIH P-1 Short String completion. Conduct pressure tests. RD work floor, Sump free board 0.8m

FORECAST OP'S
ND and remove BOPs. Install Dual string Well-head assembly. RU work floor. Conduct Slick-line work. Displace Short string tubing with N2. Condcut Slick-line work. Dispalce Long String tubing with N2. Conduct Slick-line work. Flow test P-1 Short String. Flow test P-3 Long string. Release Rig.

LAST CASING178mm7.0"SET AT1240.2mFIT21.5 EMWMAASP2761psiBOP TEST19/08DUE09/09

LAST L.T.I.848 Days
SAFETY
1. Running cpmpletion string, Crew made aware of pinch points and exclusion zones.
2. Working with 3rd party contractors, IOT and Halliburton. Permits to be completed and SOP to be followed.

WEATHER: DayFine 29 deg C
NightFine 8 deg C

BIT INFORMATION				MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Klb)	JET V(fps)		TOOL	LENGTH	Mud Type		1 Move/ Rig Up/Down		56.50
RPM	H S I				Depth (m)	1234	2 Drilling		274.75
BIT NUMBER	7	7			Density (ppg)	8.45	3 Wash / Ream		36.75
Size (inches)	6.0	6.0			ECD (ppg)		4 Coring		
Make	NOV	NOV			Temp (° C)		5 Circ & Condition		38.75
Type	PDC TFA: 1.4036	PDC TFA: 1.4036			Viscosity (sec)	27	6 Tripping- Bit / Casing		72.25
IADC Code					PV / YP (cp/lb)	1 / 1	6.1 Tripping- Other		44.50
Serial Number	A271278	A271278			Gels (10s/m)	1 / 1	6.2 Wiper Trip		13.25
T.F.A. (in)	4.712	4.712			API Filt. (cc)	N/C	6.3 Handle BHA		47.25
Depth In (m)	1332	1243.17			Sand (% Vol)		7 Service / Slip Line		4.50
Depth Out (m)	1332	1332			KCl (%)	2.0	8 Repairs		24.75
Total Meters		88.83			pH (strip)	10.0	10 Survey		0.75
Hours IADC   OnBtm	11   0	11   11			LGS %/Vol	0.0	11 Logging		111.50
ROP IADC   OnBtm	#DIV/0!	8.1   8.1			Chlorides (ppm)	10000	12 RU for Csg / Cmt		9.00
Condition Out	2 3 WT N X 0 CT TD				Surface Vol. (Bbls)		12.1 Run Casing		20.50
FLOW DATA			BHA LENGTH		Hole Vol.	162	12.2 Cementing		18.75
RATE (gpm/lps)			BHA WEIGHT		Mud Mixed		13 Wait on Cement		21.00
AV - DP (fpm/mpm)			STRING WT		New Hole Drilled	0.5	14 BOP's / Wellhead		40.25
AV - DC (fpm/mpm)			HOOK LOAD		Downhole Losses		15 Test BOP / Formation		37.25
SPP (psi/atm)			WT BELOW JARS		Surface Losses	0	19 Tight hole / Fishing		0.50
SPP (Calculated)			HOURS: JAR   MTR		CHEMICAL USAGE		21 Completion	24.00	49.50
PUMP DATA			DRAG: UP   DOWN				21.1 Well Control		86.25
#1: Emsco F-800	STROKE	9.0"	TORQUE: ON   OFF				21.2 Other		47.50
RATE			SURVEYS: MD   INC   AZ				TOTALS	24.00	999.50
LINER	6.75"		1206   2.3   41.2				NON PRODUCTIVE		166.00
#2: Emsco F-800	STROKE						PRODUCTS: USED		REC   ON SITE
RATE							DIESEL (L)		
LINER							BARITE (T)		
#3: 0	STROKE						DRILL WATER	25	
RATE							DAILY MUD COSTS		
LINER							CUM. MUD COSTS		\$327,871.55

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	[IADC Code] Description
0:00	2:00	[ 21 ] PJSM. RU Halliburton on to the top of the tubing string. Pressured up to 500psi and confirmed the Seal assembly had located into the TechWest Model L permanent packer. Held and recorded pressure for 10 minutes. Bled off pressure and Rigged aside Halliburton.
2:00	9:00	[ 21 ] PJSM. RU Expro Slick-line unit. RIH with plug and prong to 500m, Slick-line operator suspected he had insufficient weight bars on the running tools, Decision made by operator to POH and added 8ft of weight bars to tool string. RIH with plug and prong to Long String upper X-Nipple at ~1087.82m, Having trouble setting plug in "X" nipple, POOH inspect tools, change seals on plug and repin tool re-run and set in "X" nipple.
9:00	11:00	[ 21 ] PJSM. RU Halliburton on to the top of the tubing string. Pressure tested 2-3/8" NS-CT tubing string and BHA to 1000 psi held for 10 minutes. Proceed to increase pump pressure and Set the D&L Hydroset 11-A Dual Packer Increase pump pressure to 2000psi, Noted packer initiation at ~1380psi. Continued to increase pressure to 3000psi. held for 30 minutes. Recorded packer setting pressures on a pressure chart. Bled off pressures. RU Halliburton onto the Annulus Press teste 250psi 10min ok, 2000psi on the annulus to confirm the Dual production had set. Held test for 10 minutes. Bled off pressures and RD Halliburton.
11:00	15:00	[ 21 ] PJSM. RU Expro Slick-line unit. RIH to retrieve the plug and prong from X-nipple at 1087.82m. RD Expro slick-line unit
15:00	20:30	[ 21 ] PJSM. MU Short String BHA as per "West Mereenie_28_20210830_DHD_R5" and RIH on the 2-3/8" NS-CT production tubing string.
20:30	21:00	[ 21 ] Located the Dual packer seal bore with the Short String Seal assembly on 2-3/8" NS-CT joint number 114. Spaced out Short String. Installed space-out pup joints and MU short string Dual string tubing hanger on to top of joint #112 above the short string BHA. Landed tubing hanger with 5klbs compression onto the landed seal assembly. Detailed Short String components recorded on West Mereenie_28_20210830_DHD. Engaged tubing hanger tie down screws, and confirmed Short string tubing hanger had landed in tubing spool.
21:00	22:00	[ 21 ] PJSM. RU Halliburton to top of Short string tubing. Bled air from surface lines. Pressure tested the Short string tubing against the previously installed Plug and prong located in the Short String X-Nipple at 1070.76m. 250 psi low and 1000 psi high 10/10 minutes. Bled off pressure. RD Halliburton.
22:00	0:00	[ 21 ] RU Expro Slick-line. RIH to open Short String SSD at 1054.95m.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 01/09/21

0:00	0:45	Completed opening SSD. RD Expro Slick-line. Expro could not confirm SSD was open. Decision made to attempt to circulate fluid to confirm SSD Open. Rigged aside Expro Slick-line. RU mud pump and pump 1.4 bbls down annulus took returns up Short string tubing. Confirmed SSD had in fact opened.
0:45	1:15	Remove short string landing joint and Installed 2-WCVs into both Short and Long String. Pressure test landed tubing hanger to 250 psi and 3000 psi. 5x5 minutes. Bled down pressure. Removed 2-WCVs and Installed BPVs in to Long and short string tubing hangers.
1:15	1:30	Rig down work floor. Rigged down IOT TBG tong and handling tools. ND and remove 7-1/16" gate valves from BOP Flow-cross.
1:30	4:00	Removed work-floor stairs and raised Work-floor. Bled down Koomey unit. Nipple down and removed BOPs
4:00	6:00	N/U and Pressure tested Dual Well-head assembly as per Cactus Well-head procedures. Cactus technician to supply Wellhead installation report.

POB-34: EWG - 19, CTP - 2, Howco - 2, O/Creek - 1, Coho - 1, IOT - 4, Expro - 4, Cactus - 1

21,312 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:
RIG MGR: Luke Job