

			<b>DAILY DRILLING REPORT</b>			<b>REPORT # 029</b>		<b>18/08/2021</b>				
						<b>SPUD: 21/07/2021</b>		<b>DAY # 031</b>				
<b>WELL</b>	<b>West Mereenie 28</b>	<b>24:00 MD/ TVD</b>	<b>1243m BRT</b>	<b>DRILLED</b>		<b>AFE DAYS / COST</b>	<b>23</b>	<b>\$6,507,879</b>				
<b>RIG</b>	<b>EWG 27</b>	<b>FORMATION</b>	<b>Pacoota Sandstone P2.</b>		<b>DAILY COST</b>	<b>\$86,979</b>	<b>CUM.</b>	<b>\$4,710,254</b>				
<b>DAILY OP'S SUMMARY</b>		RIH with 7" casing string, Circ, Prepared spacers, Cement 7" Intermediate casing, L/O cement head and landing joint, Make up jetting tool.										
<b>FORECAST OP'S</b>		Complete installation of pack-off assembly. Rig down BOP. Installed and tested tubing head. Install 7 1/16" BOP, RCD and pressure test. Make up clean out BHA and RIH to drill out shoe track and perform FIT.										
<b>LAST CASING</b>	<b>244mm</b>	<b>9.625"</b>	<b>SET AT</b>	<b>459.4m</b>	<b>FIT</b>	<b>12.7 EMW</b>	<b>MAASP</b>	<b>39psi</b>	<b>BOP TEST</b>	<b>04/08</b>	<b>DUE</b>	<b>25/08</b>
<b>LAST L.T.I. 835 Days</b>		<b>SAFETY</b>	1. Running 7" casing.- be aware of crush points/ caught between. Cementing operations. Complete permits follow procedures. 2. ND BOPs and assembly of New B-Section.					<b>WEATHER: Day</b> Fine 24 deg C <b>Night</b> Fine 1 deg C				

BIT INFORMATION			BHA # 7		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(Klb)		JET V(fps)		TOOL		Water	1 Move/ Rig Up/Down		48.00
RPM	50	H S I		Bit - PDC	0.24	Depth (m)	2 Drilling		251.75
BIT NUMBER	6	5		Bit Sub	0.59	Density (ppg)	3 Wash / Ream	0.50	33.25
Size (inches)	8.5	8.5		Float Sub	0.92	ECD (ppg)	4 Coring		
Make	Reed	Smith		FS / XO / FS	0.92	Temp (° C)	5 Circ & Condition	5.50	47.50
Type	PDC Hycalog	Hammer		Heavy Weight DP	9.28	Viscosity (sec)	6 Tripping- Bit / Casing		62.75
IADC Code	TK-66			FS / XO / FS	0.36	PV / YP (cp/lb)	6.1 Tripping- Other		19.25
Serial Number	A278400	SA7178		17x Heavy Weight DP	159.16	Gels (10s/m)	6.2 Wiper Trip		12.75
T.F.A. (in)	14.137	4.712		Drilling Jars	9.28	API Filt. (cc)	6.3 Handle BHA		44.00
Depth In (m)	1182	467		8x Heavy Weight DP	75.16	Sand (% Vol)	7 Service / Slip Line		1.75
Depth Out (m)	1243	1182				KCl (%)	8 Repairs		17.50
Total Meters	61	715				pH (strip)	10 Survey		0.75
Hours IADC   OnBtm	6.8   6.8	108   103.8				LGS %/Vol	11 Logging		10.50
ROP IADC   OnBtm	9   9	6.6   6.9				Chlorides (ppm)	12 RU for Csg / Cmt		9.00
Condition Out	1 1 NO A X 0 NO BHA					Surface Vol. (Bbls)	12.1 Run Casing	13.00	20.50
<b>FLOW DATA</b>			<b>BHA LENGTH</b>	255.91		<b>Hole Vol.</b>	12.2 Cementing	4.50	18.75
RATE (gpm/lps)			<b>BHA WEIGHT</b>	31.92		<b>Mud Mixed</b>	13 Wait on Cement		21.00
AV - DP (fpm/mpm)			<b>STRING WT</b>	73.58		<b>New Hole Drilled</b>	14 BOP's / Wellhead	0.50	14.00
AV - DC (fpm/mpm)			<b>HOOK LOAD</b>	90.00		<b>Downhole Losses</b>	15 Test BOP / Formation		19.50
SPP (psi/atm)	400	27	<b>WT BELOW JARS</b>	21.23		<b>Surface Losses</b>	19 Tight hole / Fishing		0.50
SPP (Calculated)			<b>HOURS: JAR   MTR</b>	7.0		<b>CHEMICAL USAGE</b>	21 Completion		
<b>PUMP DATA</b>			<b>DRAG: UP   DOWN</b>	2	2	Baryte	21.1 Well Control		73.50
#1: Emsco F-800	<b>STROKE</b>	9.0"	<b>TORQUE: ON   OFF</b>	3900	200	Starch P	21.2 Other		17.50
<b>RATE</b>			<b>SURVEYS: MD   INC"   AZ°</b>				<b>TOTALS</b>	<b>24.00</b>	<b>696.00</b>
<b>LINER</b>	6.75"		1206   2.3   41.2				<b>NON PRODUCTIVE</b>		<b>73.75</b>
#2: Emsco F-800	<b>STROKE</b>						<b>PRODUCTS: USED   REC   ON SITE</b>		
<b>RATE</b>							DIESEL (L)		
<b>LINER</b>							BARITE (T)		
#3: 0	<b>STROKE</b>						DRILL WATER	50k	
<b>RATE</b>							DAILY MUD COSTS \$2,749.90		
<b>LINER</b>							CUM. MUD COSTS \$325,104.23		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	1:30	[ 12.1 ] Made up shoe track. Tested floats.
1:30	6:00	[ 12.1 ] Continue RIH with 7" CSG to 565m
6:00	12:00	[ 12.1 ] Continue RIH with 7" CSG Circulated bottoms up at 600m
12:00	12:30	[ 12.1 ] PTSM, Continue RIH with 7" CSG to 1184m, work tight spots at 1163m to 1170m
12:30	14:00	[ 5 ] Circ wash tight spot at 1184m work CSG.
14:00	14:30	[ 12.1 ] RIH 7" CSG from 1184m to 1232m
14:30	15:00	[ 3 ] Made up landing joint and washed down to land out depth 1240.17m
15:00	19:00	[ 5 ] Circulated 2 x bottoms up at 270gpm 36psi SPP, continue to Circ at 200gpm 234psi SPP while mix barites spacer that arrived onsite at 15:00hrs, Unload truck and Back load rental equipment.
19:00	20:00	[ 12.2 ] Held PJSM with Halliburton, Rigged up cement head and surface lines.
20:00	22:45	[ 12.2 ] Cemented 7" casing. Pumped 20 bbls Tuned spacer. Pumped 74 bbls 12.5 ppg lead, 80 bbls 15.8ppg tail, displaced w- 148 bbls Freshwater. FCP= 1820 psi. Good cement returns @ 119 bbls into displacement - 29 bbls good cement returns. Bumped plug with 2000 psi. Pressure tested casing 2000 psi for 10 mins. Bled back 1.1 bbls. Floats held ok. Rigged down cement head and lay out.
22:45	23:30	[ 12.2 ] Removed landing joint and running tool.
23:30	0:00	[ 14 ] Made up hanger wash tool.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 19/08/21		
From	To	Description
0:00	0:30	Washed over 7" casing hanger. Crew change.
0:30	3:30	Installed mandrel hanger pack-off. Attempted to pressure test landed pack-off as per Cactus procedure. PT failed. Pulled the mandrel hanger pack-off assembly and inspected seals. Cleaned seals and re-installed Well-head mandrel pack-off assembly. Achieved a good pressure test on the landed Wellhead mandrel pack-off assembly.
3:30	6:00	Attempted to engage the mandrel pack-off "locking ring". Experienced difficulties with engagement of the pack-off assembly locking ring. Could not obtain sufficient LH rotation to engage the lock ring. Removed mandrel hanger pack-off assy and inspected seals and assembly as per OEM procedures. Re-land hanger pack-off assembly and re-test to 250 psi / 5000 psi. 5 x 10min.

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								<b>14,592 Hrs</b>	
RECEIVED: Bayrite Mud					DISPATCHED: Tango Rental, SLB XEM tool Box, Cactus equipment.				

<b>MAXIMUM GAS:</b> 4999 U @ 1118m		<b>BACKGROUND GAS:</b> 2700 U		<b>CONNECTION GAS:</b> 4900 U		<b>TRIP GAS:</b>	
<b>SUPERVISOR:</b> Kev Dau / Norm Nixon.				<b>GEOLOGIST:</b> Phil Allen, Paul Elliot		<b>RIG MGR:</b> Trevor Wigley	