

		<b>DAILY DRILLING REPORT</b>				<b>REPORT # 039</b>		<b>28/08/2021</b>				
						<b>SPUD: 21/07/2021</b>		<b>DAY # 041</b>				
<b>WELL</b>	West Mereenie 28	<b>24:00 MD/ TVD</b>	1332m BRT	<b>DRILLED</b>		<b>AFE DAYS / COST</b>	23	<b>\$6,507,879</b>				
<b>RIG</b>	EWG 27	<b>FORMATION</b>	Pacoota Sandstone P3.	<b>DAILY COST</b>	\$106,626	<b>CUM.</b>	\$5,697,516					
<b>DAILY OP'S SUMMARY</b>		Continued perforations of the P1 production zones. Total of 10 WL perforation runs conducted. Sump free board 0.9m.										
<b>FORECAST OP'S</b>		Complete P-1 perforations as per program (Total 13 runs). MU Long String completion and RIH. Conduct WL work. Set Dual packer. RIH Short String.										
<b>LAST CASING</b>	178mm	7.0"	<b>SET AT</b>	1240.2m	<b>FIT</b>	21.5 EMW	<b>MAASP</b>	2761psi	<b>BOP TEST</b>	19/08	<b>DUE</b>	09/09
<b>LAST L.T.I. 845 Days</b>		<b>SAFETY</b>					<b>1.</b> Perforating operations. Permits required. Exclusion zones to be followed. <b>2.</b> Held Weekly Safety meeting. Good crew participation. Crews working longer than normal hitches, crews to remain focused, use the buddy system.					
							<b>WEATHER: Day</b> Fine 29 deg C <b>Night</b> Fine 5 deg C					

BIT INFORMATION				TOOL		LENGTH		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Klb)		JET V(fps)						Mud Type			1 Move/ Rig Up/Down		56.50
RPM		H S I						Depth (m)	1243		2 Drilling		274.75
BIT NUMBER	7	6						Density (ppg)	8.45		3 Wash / Ream		36.75
Size (inches)	6.0	8.5						ECD (ppg)			4 Coring		
Make	NOV	Reed						Temp (° C)			5 Circ & Condition		38.75
Type	PDC TFA: 1.4036	PDC Hycalog						Viscosity (sec)	27		6 Tripping- Bit / Casing		72.25
IADC Code	TK-66							PV / YP (cp/lb)	1 / 1		6.1 Tripping- Other		44.50
Serial Number	A271278	A278400						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)	1243.17	1182						Sand (% Vol)			7 Service / Slip Line		4.50
Depth Out (m)	1332	1243.17						KCl (%)	2.0		8 Repairs		24.75
Total Meters	88.83	61.17						pH (strip)	10.0		10 Survey		0.75
Hours IADC   OnBtm	11   11	13   13						LGS %/Vol	0.0		11 Logging	24.00	75.50
ROP IADC   OnBtm	8.1   8.1	4.7   4.7						Chlorides (ppm)	10000		12 RU for Csg / Cmt		9.00
Condition Out	2 3 WT N X 0 CT TD							Surface Vol. (Bbls)	150		12.1 Run Casing		20.50
<b>FLOW DATA</b>			<b>BHA LENGTH</b>			<b>Hole Vol.</b>			161		12.2 Cementing		18.75
RATE (gpm/lps)			<b>BHA WEIGHT</b>			<b>Mud Mixed</b>					13 Wait on Cement		21.00
AV - DP (fpm/mpm)			<b>STRING WT</b>			<b>New Hole Drilled</b>					14 BOP's / Wellhead		40.25
AV - DC (fpm/mpm)			<b>HOOK LOAD</b>			<b>Downhole Losses</b>			6		15 Test BOP / Formation		34.25
SPP (psi/atm)			<b>WT BELOW JARS</b>			<b>Surface Losses</b>					19 Tight hole / Fishing		0.50
SPP (Calculated)			<b>HOURS: JAR   MTR</b>			<b>CHEMICAL USAGE</b>					21 Completion		16.50
<b>PUMP DATA</b>			<b>DRAG: UP   DOWN</b>			Potassium Chloride			3		21.1 Well Control		86.25
#1: Emsco F-800	STROKE	9.0"	<b>TORQUE: ON   OFF</b>			Sodium Sulphite			2		21.2 Other		47.50
RATE			<b>SURVEYS: MD   INC'   AZ'</b>								<b>TOTALS</b>	24.00	927.50
LINER	6.75"		1206   2.3   41.2								<b>NON PRODUCTIVE</b>	3.50	150.00
#2: Emsco F-800	STROKE										<b>PRODUCTS: USED   REC   ON SITE</b>		
RATE											DIESEL (L)		
LINER											BARITE (T)		
#3: 0	STROKE										DRILL WATER	25k	
RATE											DAILY MUD COSTS \$146.10		
LINER											CUM. MUD COSTS \$327,871.55		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	0:30	[ 11 ] Expro crew assembled new logging tools, and surface tested. ok.
0:30	2:00	[ 11 ] MU and RIH 3rd gun run. 4.9m of Perforation guns, correlate to OH logs GR, Detonated guns and perforated the Lower section of the P1-310 formation at 1172.2m to 1176.10m. POOH, L/O tools well fluid level remained static.
2:00	3:30	[ 11 ] MU and RIH 4th gun run. 5.1m of Perforation guns, correlate to OH logs GR, Detonated guns and perforated the P1-280 formation at 1162.90m to 1168.00m. POOH, L/O tools. Well fluid level remained static.
3:30	5:00	[ 11 ] MU and RIH 5th gun run. 2.7m of Perforation guns, correlate to OH logs GR, Detonated guns and perforated the P1-240 formation at 1155.50m to 1158.20m. POOH, L/O tools. Well fluid level remained static.
5:00	7:00	[ 11 ] MU and RIH 6th gun run. 3.2m of Perforation guns, correlate to OH logs GR, Detonated guns and perforated the P1-240 Upper formation at 1150.40m to 1153.60m. POOH, L/O tools. Well fluid level remained static took 0.5bbl
7:00	10:30	[ 11 ] L/O spent guns from run #6, Cut and resplice cable head on e-line, RIH slick line retrieve junk catcher, cleaned out sludge and metal debris from perforating, Run and set Junk catcher, Change over to E-Line.
10:30	14:00	[ 11 ] M/U guns for run #07. 4.3m RIH correlate to OH logs GR, Detonated guns and perforated the P1-210 Pacoota formation at 1141.30m to 1145.60m. POOH, L/O tools. Well took 1.3bbl
14:00	17:30	[ 11 ] NPT- M/U guns for run #08. 3.2m RIH correlate to OH logs GR, Guns didn't fire, POOH to inspect tools, it appeared that the GR tool has failed and is malfunctioning again, Call CTP to discuss forward plan.
17:30	21:00	[ 11 ] M/U guns for run #08. 3.2m RIH correlate to CCL, Detonated guns and perforated the P1-200 Pacoota formation at 1136.50m to 1139.70m. POOH, L/O tools. Well took 1.3 bbl
21:00	22:30	[ 11 ] M/U guns for run #09. 5.1m RIH correlate to CCL, Detonated guns and perforated the P1-120/130 Pacoota formation at 1118.40m to 1123.50m. POOH, L/O tools. Well took 1.4 bbl
22:30	0:00	[ 11 ] M/U guns for run #10. 3.1m RIH correlate to CCL, Detonated guns and perforated the P1-110 Pacoota formation at 1112.00m to 1115.10m. POOH, L/O tools. Well took 1.2 bbl

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 29/08/21		
0:00	3:00	L/O spent guns from run #10, Cut and resplice cable head on e-line, RIH slick line retrieve junk catcher, cleaned out sludge and metal debris from perforating, Cleaned junk catcher.
3:00	5:45	Attempted to re-assemble the Junk catcher slick-line running tool, found noted damaged thread, repaired damaged thread and re-assembled the junk catcher and running tool.
5:45	6:00	Run and set Junk catcher, Change over to E-Line.

POB-41: EWG - 19, CTP - 2, ADA - 4, Howco - 2, G/Services - 0, O/Creek - 1, Coho - 1, IOT - 4, Momentum - 0, Expro - 5, Cactus - 1, Enermech - 2										<b>19,944 Hrs</b>	
RECEIVED:					DISPATCHED:						
<b>MAXIMUM GAS:</b>		4978 U @ 1263.5m		<b>BACKGROUND GAS:</b>		4991 U		<b>CONNECTION GAS:</b>		1259.5 U	<b>TRIP GAS:</b>
<b>SUPERVISOR:</b> Kev Dau / Norm Nixon.				<b>GEOLOGIST:</b>				<b>RIG MGR:</b>		Luke Job	