

			<b>DAILY DRILLING REPORT</b>				<b>REPORT # 013</b>		<b>2/08/2021</b>		
							<b>SPUD: 21/07/2021</b>		<b>DAY # 015</b>		
<b>WELL</b>	<b>West Mereenie 28</b>		<b>24:00 MD/ TVD</b>	<b>463m BRT</b>		<b>DRILLED</b>	<b>1m</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>Upper Stokes Siltstone</b>		<b>DAILY COST</b>	<b>\$78,692</b>	<b>CUM.</b>	<b>\$3,042,266</b>		
<b>DAILY OP'S SUMMARY</b>			POOH L/O BHA, RIH cement stinger to 316m, pump plug #4, POOH, WOC, RIH tag cement 293m, Drill out cement to TD 462m, Drill to 463.5m, Displace to mud, Circ, POOH wiper trip to 232m, RIH, Circ.Sump freeboard height 1.6m								
<b>FORECAST OP'S</b>			POOH, Flush and L/O BHA, PJSM, RIH 9 5/8" CSG, Circ, PJSM Cement CSG, WOC N/U BOP and press test.								
<b>LAST CASING</b>			<b>340mm</b>	<b>13.375"</b>	<b>SET AT</b>	<b>21.0m</b>	<b>MAASP</b>		<b>BOP TEST</b>	<b>NIL</b>	<b>DUE</b>
<b>LAST L.T.I. 819 Days</b>			<b>SAFETY</b>				1. Hand and finger placement while tripping. 2. Reviewed SOP's -making connections, Handling BHA.		<b>WEATHER: Day</b> Fine 19 deg C <b>Night</b> Fine 2 deg C		

BIT INFORMATION				BHA # 4		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Klb)	0-26	JET V(fps)		TOOL	LENGTH	Mud Type	Water	1 Move/ Rig Up/Down			48.00
RPM	50	H S I		Bit - PDC	0.40	Depth (m)	463	2 Drilling	0.25		135.25
<b>BIT NUMBER</b>				Down Hole Motor		Density (ppg)	8.40	3 Wash / Ream	5.75		29.00
Size (inches)	12.25	12.25	3	2x Drill Collar- 8 1/2"	18.61	ECD (ppg)		4 Coring			
Make	NOV	NOV	3	Stabiliser	1.89	Temp (° C)		5 Circ & Condition	1.75		10.75
Type	TK665	TK665	3	2x Drill Collar- 8 1/2"	18.66	Viscosity (sec)	40	6 Tripping- Bit / Casing			34.00
IADC Code	M620	M620	3	Crossover Sub	0.35	PV / YP (cp/lb)	1 / 1	6.1 Tripping- Other	4.75		18.00
Serial Number	S274769	S274769	3	11x Drill Collar- 5 1/2"	100.98	Gels (10s/m)	1 / 1	6.2 Wiper Trip	2.75		4.00
T.F.A. (in)	4.712	4.712	3	Crossover Sub	0.41	API Filt. (cc)	1.0	6.3 Handle BHA	3.50		20.00
Depth In (m)	358	202	3	Drilling Jars	9.56	Sand (% Vol)		7 Service / Slip Line			0.50
Depth Out (m)	358	358	3	Crossover Sub	0.76	KCl (%)		8 Repairs			9.75
Total Meters	156		3	3x Drill Collar- 5 1/2"	27.08	pH (strip)	8.5	10 Survey			
Hours IADC   OnBtm	50.5   12	50.5   50.5	3	6x Heavy Weight DP	55.41	LGS %/Vol	0.2	11 Logging			
ROP IADC   OnBtm	0   0	3.1   3.1	3	Crossover Sub	0.50	Chlorides (ppm)	2500	12 RU for Csg / Cmt			1.75
Condition Out	1 1 WT N X 1 NO TD		3			<b>Surface Vol. (Bbls)</b>		322	12.1 Run Casing		0.50
<b>FLOW DATA</b>				<b>BHA LENGTH</b>		<b>Hole Vol.</b>		194	12.2 Cementing	1.75	9.50
RATE (gpm/lps)			3	<b>BHA WEIGHT</b>		<b>Mud Mixed</b>		1000	13 Wait on Cement	3.50	21.00
AV - DP (fpm/mpm)			3	<b>STRING WT</b>		<b>New Hole Drilled</b>		0.5	14 BOP's / Wellhead		
AV - DC (fpm/mpm)			3	<b>HOOK LOAD</b>		<b>Downhole Losses</b>		884	15 Test BOP / Formation		
SPP (psi/atm)	696	47	3	<b>WT BELOW JARS</b>		<b>Surface Losses</b>		8	19 Tight hole / Fishing		0.50
SPP (Calculated)			3	<b>HOURS: JAR   MTR</b>		<b>CHEMICAL USAGE</b>			21 Completion		
<b>PUMP DATA</b>				<b>DRAG: UP   DOWN</b>		<b>AMCPacLV</b>		5	21.1 Well Control		
#1: Emsco F-800	STROKE	9.0"	3	<b>TORQUE: ON   OFF</b>		<b>Citric Acid</b>		1	21.2 Other		17.50
RATE			3	<b>SURVEYS: MD   INC'   AZ'</b>		<b>Kwikseal Fine</b>		26	<b>TOTALS</b>	<b>24.00</b>	<b>312.00</b>
LINER	6.75"		3	<b>0   0   0</b>		<b>Kwikseal Medium</b>		10	<b>NON PRODUCTIVE</b>	<b>18.50</b>	<b>62.00</b>
#2: Emsco F-800	STROKE		3			<b>Xanthan Gum</b>		1	<b>PRODUCTS: USED   REC   ON SITE</b>		
RATE	89		3			<b>Cellplug C</b>		38	<b>DIESEL (L)</b>		
LINER			3						<b>BARITE (T)</b>		
#3: 0	STROKE		3						<b>DRILL WATER</b>	250k	
RATE			3						<b>DAILY MUD COSTS</b> \$5,819.70		
LINER			3						<b>CUM. MUD COSTS</b> \$77,342.67		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	3:30	[ 6.3 ] NPT- POOH with BHA, flushed DHM with fresh water, clear rig floor of BHA handling tools.
3:30	4:30	[ 6.1 ] NPT- RIH with 15 x joints of 2 3/8" TBG cement stinger and 9 stands of D/P to 316m
4:30	5:00	[ 12.2 ] NPT- Held PJSM with Halliburton, Mix chemicals for cementing operations, Rigged up surface lines
5:00	6:00	[ 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.
6:00	6:15	[ 12.2 ] NPT- Rigged down cementing surface lines pipe on vacuum, POOH 8 stands to 162m, Pumped 40bbls of water at 300GPM to flush D/P fluid level came up to 2m from GL.
6:15	7:00	[ 6.1 ] NPT- POOH with cement stinger assembly and 4" DP to surface.
7:00	10:30	[ 13 ] NPT- WOC Prepare BHA.
10:30	10:45	[ 5 ] NPT- Top fill well with 27bbls
10:45	13:45	[ 6.1 ] NPT- M/U BHA and RIH
13:45	14:15	[ 3 ] NPT- Washed down from 234m tagged TOC 293m
14:15	18:30	[ 3 ] NPT- Drilled out cement from 293m to 462m with 7-9k WOB, 360GPM, 475psi SPP, 50RPM, 900-3300ft.lbs TRQ, partial losses from 377m to 462m.
18:30	18:45	[ 2 ] Drilled ahead from 462m to 463.5m, good returns,
18:45	19:45	[ 5 ] Displace drilling fluid over to mud, circulated to condition hole.
19:45	22:00	[ 6.2 ] Flow checked well, well static, POOH to 234m for Wiper trip, Worked tight hole from 398m to 310m, back ream 346m to 310m
22:00	22:30	[ 6.2 ] RIH wiper trip to 370m
22:30	23:30	[ 3 ] Ream & wash down from 370m to TD 463.5m 300GPM, 320psi SPP, 50RPM, 960ft.lbs TRQ.
23:30	0:00	[ 5 ] Circulated hole clean 360GPM 430psi.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 03/08/21		
0:00	1:30	PTSM, Flow checked well, well static, POOH to run CSG.
1:30	6:00	POOH L/O BHA, Flush mud motor with fresh water, Clear rig floor of handling tools.

POB-38: EWG - 20, CTP - 4, ADA - 4, Howco - 3, G/Services - 4, O/Creek - 2, Coho - 1, IOT - 0, NMT - 0, Expro - 0, Cactus - 0, DBCH - 0								<b>6,792 Hrs</b>	
RECEIVED:						DISPATCHED:			
<b>MAXIMUM GAS:</b> 0 U @ 463.5m		<b>BACKGROUND GAS:</b> 0 U		<b>CONNECTION GAS:</b> 0 U		<b>TRIP GAS:</b>			
<b>SUPERVISOR: A Phillis / Kev Dau.</b>				<b>GEOLOGIST: Phil Allen, Paul Elliot</b>		<b>RIG MGR: Luke Job</b>			