

			<b>DAILY DRILLING REPORT</b>				<b>REPORT # 012</b>		<b>1/08/2021</b>	
							<b>SPUD: 21/07/2021</b>		<b>DAY # 014</b>	
<b>WELL</b>	West Mereenie 28	24:00 MD/ TVD	462m BRT	DRILLED	36m	AFE DAYS / COST	23	\$6,507,879		
<b>RIG</b>	EWG 27	<b>FORMATION</b>	Upper Stokes Sandstone	<b>DAILY COST</b>	\$77,039	<b>CUM.</b>	\$2,963,574			
<b>DAILY OP'S SUMMARY</b>		WOC, M/U BHA to 8" D/C's slip drilling line, WOC, RIH tag TOC 257m, Drill out cement to TD 426m, Drill ahead from 426m to 462m (TLC from 431m). Sump freeboard level 1.76m								
<b>FORECAST OP'S</b>		POOH L/O BHA, RIH cement stinger, pump plug #4, POOH, WOC, RIH tag cement, Drill out cement to TD 462m, CIRC, POOH, L/O BHA. Run 9 5/8" CSG.								
<b>LAST CASING</b>	340mm	13.375"	<b>SET AT</b>	21.0m	<b>MAASP</b>		<b>BOP TEST</b>	NIL	<b>DUE</b>	
<b>LAST L.T.I. 818 Days</b>		<b>SAFETY</b> 1. Walk line and check before pumping operations. 2. Mixing chemicals use the correct PPE					<b>WEATHER: Day</b> Fine 24 deg C <b>Night</b> Fine 9 deg C			

BIT INFORMATION				BHA # 4		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(Klb)	0-28	JET V(fps)		TOOL	LENGTH	Mud Type	Water	1 Move/ Rig Up/Down			48.00
RPM	65	H S I		Bit - PDC	0.40	Depth (m)	462	2 Drilling		4.75	135.00
BIT NUMBER	3	3		Down Hole Motor	9.60	Density (ppg)	8.40	3 Wash / Ream		4.00	23.25
Size (inches)	12.25	12.25		2x Drill Collar- 8 1/2"	18.61	ECD (ppg)		4 Coring			
Make	NOV	NOV		Stabiliser	1.89	Temp (° C)		5 Circ & Condition		3.50	9.00
Type	TK665	TK665		2x Drill Collar- 8 1/2"	18.66	Viscosity (sec)	27	6 Tripping- Bit / Casing			34.00
IADC Code	M620	M620		Crossover Sub	0.35	PV / YP (cp/lb)	1 / 1	6.1 Tripping- Other		5.00	13.25
Serial Number	S274769	S274769		11x Drill Collar- 5 1/2"	100.98	Gels (10s/m)	1 / 1	6.2 Wiper Trip		1.25	1.25
T.F.A. (in)	4.712	4.712		Crossover Sub	0.41	API Filt. (cc)	1.0	6.3 Handle BHA			16.50
Depth In (m)	358	202		Drilling Jars	9.56	Sand (% Vol)		7 Service / Slip Line			0.50
Depth Out (m)	358	358		Crossover Sub	0.76	KCl (%)		8 Repairs			9.75
Total Meters		156		3x Drill Collar- 5 1/2"	27.08	pH (strip)	8.5	10 Survey			
Hours IADC   OnBtm	50.5   11.8	50.5   50.5		6x Heavy Weight DP	55.41	LGS %/Vol	0.9	11 Logging			
ROP IADC   OnBtm	0   0	3.1   3.1		Crossover Sub	0.50	Chlorides (ppm)	2000	12 RU for Csg / Cmt			1.75
Condition Out	1 NO DTF					Surface Vol. (Bbls)	214	12.1 Run Casing			0.50
<b>FLOW DATA</b>				BHA LENGTH	244.21	Hole Vol.	194	12.2 Cementing			7.75
RATE (gpm/lps)				BHA WEIGHT	52.27	Mud Mixed	2200	13 Wait on Cement	5.50		17.50
AV - DP (fpm/MPM)				STRING WT	62.12	New Hole Drilled	17.2	14 BOP's / Wellhead			
AV - DC (fpm/MPM)				HOOK LOAD	71.00	Downhole Losses	2287	15 Test BOP / Formation			
SPP (psi/atm)	385	26		WT BELOW JARS	41.18	Surface Losses	-30	19 Tight hole / Fishing			0.50
SPP (Calculated)				HOURS: JAR   MTR		<b>CHEMICAL USAGE</b>		21 Completion			
<b>PUMP DATA</b>				DRAG: UP   DOWN	2   2	AMCPacLV	2	21.1 Well Control			
#1: Emsco F-800	STROKE	9.0"		TORQUE: ON   OFF	3500   1000	AMC Quickseal Fine	9	21.2 Other			17.50
RATE				<b>SURVEYS: MD   INC'   AZ'</b>		AMC Quickseal Medium	9	<b>TOTALS</b>		24.00	288.00
LINER	6.75"			0   0   0		Citric Acid	2	<b>NON PRODUCTIVE</b>		18.25	43.50
#2: Emsco F-800	STROKE					Sodium Bicarbonate	2	<b>PRODUCTS: USED   REC   ON SITE</b>			
RATE	76					Xanthan Gum	4	DIESEL (L)			
LINER						Cellplug C	36	BARITE (T)			
#3: 0	STROKE							DRILL WATER		225k	
RATE								DAILY MUD COSTS			\$4,167.68
LINER								CUM. MUD COSTS			\$71,522.97

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	[IADC Code] Description
0:00	0:15	[ 13 ] NPT- WOC, Held weekly Sft Mtg with night shift and PTSM, discussed open hazards and status, turkey nest and sump liners.
0:15	2:00	[ 13 ] NPT- While WOC, Made up 12 1/4" Bit, mud motor, 3 x 8" D/C's.
2:00	3:00	[ 13 ] WOC, PJSM, Slipped drilling line.
3:00	5:30	[ 13 ] NPT- WOC, build volume, Fill well with 40bbls of water.
5:30	9:00	[ 6.1 ] NPT- RIH tagged TOC at 257m
9:00	13:00	[ 3 ] NPT- Drilled out cement from 257m to 426m, WOB 9k, SPP 566psi, GPM 410, RPM 30, TRQ 2300ft.lbs TLC at 370m.
13:00	14:00	[ 5 ] NPT- Work pipe partial returns, added 20bbl of 40ppb LCM into active.
14:00	16:00	[ 2 ] Drill ahead from 426m to 435m, (TLC) WOB 26k, SPP 727psi, GPM 408, RPM 50, TRQ 2300ft.lb
16:00	17:00	[ 5 ] NPT- POOH to 425m while build surface volume, pump 5bbls every 5min.
17:00	17:30	[ 2 ] Drill ahead from 435m to 445m, (TLC) WOB 26k, SPP 727psi, GPM 408, RPM 50, TRQ 2300ft.lb
17:30	18:45	[ 6.2 ] NPT- POOH 5 stand wiper trip to 349m while build surface volume.
18:45	20:00	[ 2 ] Drill ahead from 445m to 454m, (TLC) WOB 28k, SPP 264psi, GPM 300, RPM 60, TRQ 2700ft.lb
20:00	21:00	[ 5 ] NPT- Work pipe while build surface volume
21:00	22:00	[ 2 ] Drill ahead from 454m to 462.5m, (TLC) WOB 28k, SPP 264psi, GPM 300, RPM 60, TRQ 2700ft.lb, Add 30bbls 40ppb LCM pill to suction system, (Run out of surface volume)
22:00	22:30	[ 5 ] NPT- Pumped 30bbl of 40ppb LCM pill and spotted 390m to 328m
22:30	0:00	[ 6.1 ] NPT- POOH from 462m work tight hole at 330m, continue POOH to 160m.

HOURLY OPERATIONS SUMMARY 0000 to 0600 on 02/08/21		
From	To	Description
0:00	3:30	POOH with BHA, flushed DHM with fresh water, clear rig floor of BHA handling tools.
3:30	4:30	RIH with 15 x joints of 2 3/8" TBG cement stinger and 9 stands of D/P to 316m
4:30	5:00	Held PJSM with Halliburton, Mix chemicals for cementing operations, Rigged up surface lines
5:00	6:00	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.

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								<b>6,336 Hrs</b>	
RECEIVED:						DISPATCHED:			
<b>MAXIMUM GAS:</b>		<b>BACKGROUND GAS:</b>		<b>CONNECTION GAS:</b>		<b>TRIP GAS:</b>			
SUPERVISOR: A Phillis / Kev Dau.		GEOLOGIST: Phil Allen, Paul Elliot		RIG MGR:		Luke Job			