



MERCURY OPERATING, LLC						DATE: 4/25/2018										
LEASE & WELL NUMBER UNIVERSITY D #14			FIELD FULLERTON		AFE D00049	CONTRACTOR & RIG NUMBER DOUBLE K #5			SPUD DATE 04/24/18		DAYS 1	TVD DEPTH MD 6.000				
PRESENT OPERATION DAILY DRILLING COST			FOOTAGE 726	HOURS 7.5	ROP 97	HOLE SIZE 12.25	FORMATION TYPE & TOPS RED BED			PROJECTED TVD I MD 5,800						
CASING O.D., WT & TVD / MD			LINER O.D.: WT: TOP & SHOE DEPTH			FIT			RIG DT / CUM DT	NEXT BOP TEST DATE						
									MISCELLANEOUS							
BRIEF DESCRIPTION OF OPERATIONS RIG UP MD TOTCO AND SPUD IN WELL																
24-Hr Forecast:      DRILL RUN CASING CEMENT NIPPLE UP TIH DRILL OUT																
BIT INFORMATION																
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition	
1	12.25	ULTERRA	37081	CF616	6-16'S		726	7.5	97	16	90					
									#DIV/0!							
PUMP																
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	STKS	SLOW PUMP PSI	SHAKER SCREENS	PU	SO	ROT	TORQUE AMPS	FT/LBS
1	RONGSHENG	10	113	300	0				45	110		62000	50000	58000		
2	RONGSHENG	10			0											
3					0											
IN MUD PROPERTIES																
			DAILY MUD COST			\$200	TOTAL MUD COST			\$200						
0	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl	
	726	8.60	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.5				
OUT MUD PROPERTIES																
TIME	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	Cl	
DAILY MUD ADDITIVES																
PAPER SOAP																
DIRECTIONAL SURVEYS																
M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS					
222	0.20		252.00													
460	0.20		489.00													
24 HOUR OPERATIONS SUMMARY																
FROM	TO	HOURS									BHA	3				
06:00	09:00	3.0	FINISH RIG UP WO WELDER													
9:00	12:00	3.0	WELD CONDUCTOR AND HOOK UP FLOW LINE													
12:00	21:00	9.0	FINISH RIG UP MD TOTCO								TOOL	LENGTH	TOTAL			
21:00	23:30	2.5	PRESPUD INSPECTION SPUD IN 0-252' 252'								12 1/4 BIT	1.50	1.50			
23:30	00:30	1.0	WLS @ 222 .2 DEG CHANGE OUT SURVEY TOOL								SHOCK SUB	11.33	11.33			
0:30	03:00	2.5	DRILLING 252'-498' 246'								3-8'DCS	89.40	89.40			
3:00	03:30	0.5	WLS @ 460 .1 DEG								X-O	3.04	3.04			
3:30	06:00	2.5	DRILLING 498-726'								15-6'DCS	444.58	444.58			
Total:	24.0	Safety Topic: PINCH POINTS AND H2S								KELLY		726.00				
			CONSUMABLES					WATER DEPTH		DP Diameter:	4.50					
			BARITE		Sax	AIR GAP		DC Diameter:	6.00							
			CEMENT		Sax				726.00							
			GEL		Sax	RTB-WATER		ACCIDENTS	N/A							
			FUEL	1848	GAL	RTB-MUDLINE		POLLUTION	N/A							
			DRILL WATER		Bbl	RTB-WELLHEAD		PREV. TOTAL	\$0							
			POT WATER		Bbl	RTB-HYDRIL		DAILY COST	\$77,325							
			MAN HRS	24		Bow Heading		CUMM. TOTAL	\$77,325							
0 TOTAL ON BOARD			TOTAL MAN HRS			24	RIG SUPERVISORS									
WIND		SEAS	WORK BOAT		CREW BOAT		FUEL RECEIVED									

MERCURY OPERATING, LLC										DATE: 4/26/2018												
LEASE & WELL NUMBER UNIVERSITY D #14							FIELD FULLERTON		AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5				SPUD DATE 04/26/18		DAYS 2		TVD DEPTH MD 6,000			
PRESENT OPERATION <b>DAILY DRILLING COST</b>							FOOTAGE 959		HOURS 10.5		ROP 91		HOLE SIZE 12.25		FORMATION TYPE & TOPS RED BED				PROJECTED TVD \ MD 5,800			
CASING O.D., WT & TVD / MD							LINER O.D.: WT: TOP & SHOE DEPTH					FIT				RIG DT / CUM DT		NEXT BOP TEST DATE				
												MISCELLANEOUS										
BRIEF DESCRIPTION OF OPERATIONS RUNNING 8 5/8 CASING																						
24-Hr Forecast: NIPPLE UP DRILL OUT																						
BIT INFORMATION																						
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition							
1	12.25	ULTERRA	37081	CF616	6-16'S	1,685	1,685	18.0	94	25	100						#DIV/O!					
PUMP																						
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	STKS	PSI	SCREENS	PU	SO	ROT	AMPS	FT/LBS						
1	RONGSHENG	10	113	600	0				48	125		100000	60000	80000								
2	RONGSHENG	10			0																	
3					0																	
IN MUD PROPERTIES							DAILY MUD COST			\$1,000			TOTAL MUD COST			\$1,200						
0		DEPTH	WT	VIS	PV/YP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/Mf	Cake	NaCl						
		726	9.40	36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.5									
OUT MUD PROPERTIES																						
TIME		DEPTH	WT	VIS	PV/YP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/Mf	Ca	CI						
DAILY MUD ADDITIVES																						
PAPER	SOAP	MF55	HEC 10	HFA 266																		
DIRECTIONAL SURVEYS																						
M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS											
682	0.30		726.00																			
1204	0.40		1248.00																			
1641	0.20		1685.00																			
FROM	TO	HOURS	24 HOUR OPERATIONS SUMMARY																			
06:00	06:30	0.5	WLS @ 682 .3 DEG										BHA		3							
6:30	11:30	5.0	DRILLING 726-1248 522'										104.4 FPH									
11:30	12:00	0.5	WLS @ 1204 .4 DEG										TOOL		LENGTH		TOTAL					
12:00	17:30	5.5	DRILLING 1248-1685 437'										79 FPH		12 1/4 BIT		1.50 1.50					
17:30	18:00	0.5	WLS @ 1641 AND CIRC										SHOCK SUB		11.33 11.33							
18:00	23:00	5.0	TOOH HOLE PULLING TIGHT										3-8'DCS		89.40 89.40							
23:00	00:00	1.0	RIG UP BALES AND 2"FILL UP LINE RIG UP PREMIERE CASING CREW AND HOLD SAFETY MEETING										X-O		3.04 3.04							
0:00	06:00	6.0	RUN 8 5/8 CASING										15-6'DCS		444.58 444.58							
Total:	24.0		Safety Topic:		PINCH POINTS AND H2S										KELLY				1685.00			
			CONSUMABLES										DP Diameter:		4.50							
			BARITE				Sax		WATER DEPTH				DC Diameter:		6.00							
			CEMENT				Sax		AIR GAP						1685.00							
			GEL				Sax		RTB-WATER				ACCIDENTS		N/A							
			FUEL		1000		GAL		RTB-MUDLINE				POLLUTION		N/A							
			DRILL WATER				Bbl		RTB-WELLHEAD				PREV. TOTAL				\$77,325					
			POT WATER				Bbl		RTB-HYDRIL				DAILY COST				\$25,170					
			MAN HRS		24				Bow Heading				CUMM. TOTAL				\$102,495					
0			TOTAL ON BOARD					TOTAL MAN HRS		48		RIG SUPERVISORS										
WIND		SEAS		WORK BOAT		CREW BOAT		FUEL RECEIVED														

MERCURY OPERATING, LLC						DATE: 4/27/2018													
LEASE & WELL NUMBER UNIVERSITY D #14						FIELD FULLERTON		AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5			SPUD DATE 04/24/18		DAYS 3		TVD DEPTH MD 6.000		
PRESENT OPERATION DAILY DRILLING COST				FOOTAGE 1,685		HOURS 0.0		ROP 0		HOLE SIZE 0.00		FORMATION TYPE & TOPS RED BED				PROJECTED TVD I MD 5,800			
CASING O.D., WT & TVD / MD 8 5/8 24# 1685				LINER O.D.: WT: TOP & SHOE DEPTH				FIT				RIG DT / CLUM DT		NEXT BOP TEST DATE 4/27/2018					
												MISCELLANEOUS							
BRIEF DESCRIPTION OF OPERATIONS NIPPLE UP AND TEST																			
24-Hr Forecast: DRILL OUT AND DRILL AHEAD																			
BIT INFORMATION																			
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition				
1	12.25	ULTERRA	37081	CF616	6-16'S	1,685	1,685	18.0	94	25	100								
									#DIV/0!										
PUMP																			
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBL/S LSTK	STKS	PSI	SLOW PUMP SCREENS	SHAKER PU	STRING WEIGHT SO	ROT	TORQUE AMPS	FT/LBS			
1	RONGSHENG	6	113	600	0			48	125			100000	60000	80000					
2	RONGSHENG	6			0														
3					0														
IN MUD PROPERTIES																			
				DAILY MUD COST \$1544				TOTAL MUD COST \$2744											
0	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl				
				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A								
OUT MUD PROPERTIES																			
TIME	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	Cl				
DAILY MUD ADDITIVES																			
PAPER	SOAP	MF55	HEC 10	HFA 266															
DIRECTIONAL SURVEYS																			
M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS								
682	0.30		726.00																
1204	0.40		1248.00																
1641	0.20		1685.00																
24 HOUR OPERATIONS SUMMARY																			
FROM	TO	HOURS											BHA	3					
06:00	08:30	2.5	FINISH RUNNING 8 5/8 CASING SET AT 1685' RIG DOWN CASING CREW																
8:30	10:30	2.0	RIG UP AND CEMENT W/465 SKS LEAD AND 360 SKS TAIL CIRC 146 SKS PLUG DOWN AT 10:30 AM																
10:30	14:30	4.0	WOC										TOOL	LENGTH	TOTAL				
14:30	17:30	3.0	CUT OFF CONDUCTOR AND 8 5/8 CASING AND WELD WELL HEAD TEST TO 1000 PSI TEST GOOD																
17:30	03:30	10.0	TAKE OFF BOOM AND NIPPLE UP																
3:30	04:00	0.5	TEST BLIND RAMS TO 1000 PSI TEST GOOD																
4:00	05:00	1.0	RELIEVE PRESSURE AND PICK UP ON JT DRILL PIPE																
5:00	05:30	0.5	TEST PIPE RAMS AND CHOKE MANIFOLD TO 1000 PSI TEST GOOD																
5:30	06:00	0.5	WO FORKLIFT TO BE FIXED TO LOAD DRILL COLLARS AND PIPE ON RACK																
Total:	24.0	Safety Topic: NIPPLE UP AND TESTING										KELLY							
			CONSUMABLES					WATER DEPTH					DP Diameter:	4.50					
			BARITE					Sax	AIR GAP					DC Diameter:	6.00				
			CEMENT					Sax						0.00					
			GEL					Sax	RTB-WATER					ACCIDENTS N/A					
			FUEL					Bbl	RTB-MUDLINE					POLLUTION N/A					
			DRILL WATER					Bbl	RTB-WELLHEAD					PREV. TOTAL \$102,495					
			POT WATER					Bbl	RTB-HYDRIL					DAILY COST \$56,604					
			MAN HRS					24	Bow Heading					CUMM. TOTAL \$159,099					
0			TOTAL ON BOARD					TOTAL MAN HRS 72					RIG SUPERVISORS						
WIND		SEAS		WORK BOAT		CREW BOAT		FUEL RECEIVED		BRAD ANDERSON									

MERCURY OPERATING, LLC						DATE: 4/28/2018													
LEASE & WELL NUMBER UNIVERSITY D #14						FIELD FULLERTON		AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5			SPUD DATE 04/24/18		DAYS 4		TVD DEPTH MD 6.000		
PRESENT OPERATION DAILY DRILLING COST				FOOTAGE 1,179		HOURS 13.3		ROP 89		HOLE SIZE 0.00		FORMATION TYPE & TOPS RED BED		PROJECTED TVD I MD 5,800					
CASING O.D., WT & TVD / MD 8 5/8 24# 1685				LINER O.D.: WT: TOP & SHOE DEPTH				FIT				RIG DT / CLUM DT		NEXT BOP TEST DATE 4/27/2018					
												MISCELLANEOUS							
BRIEF DESCRIPTION OF OPERATIONS TIME DRILLING TO BRING BACK DEVIATION																			
24-Hr Forecast: DRILL AHEAD																			
BIT INFORMATION																			
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition				
1	12.25	ULTERRA	37081	CF616	6-16'S	1,685	1,685	18.0	94	25	100								
2	7.88	VAREL	4010091	RS616P	6-16'S		1,179	13.3	88.6	25	100								
PUMP																			
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	STKS	PSI	SLOW PUMP	SHAKER SCREENS	PU	SO	ROT	AMPS	TORQUE FT/LBS		
1	RONGSHENG	6	115	675	0			48	125				78000	69000	72000				
2	RONGSHENG	6			0														
3					0														
IN MUD PROPERTIES																			
				DAILY MUD COST \$1,500				TOTAL MUD COST \$4,900											
g	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl				
	2,864	10.00	30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10							
OUT MUD PROPERTIES																			
TIME	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	Cl				
DAILY MUD ADDITIVES																			
PAPER	MF55	HEC 10	HFA 266	LIME															
DIRECTIONAL SURVEYS																			
M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS								
2163	0.50		2206.00																
2648	3.80		2691.00																
2821	3.50		2864.00																
24 HOUR OPERATIONS SUMMARY																			
FROM	TO	HOURS											BHA	3					
06:00	07:00	1.0	WO FORKLIFT TO BE FIXED TO LOAD DRILL COLLARS AND PIPE ON RACK																
7:00	08:00	1.0	RIG SERVICE WO FORKLIFT																
8:00	09:30	1.5	WO FORKLIFT TO BE FIXED TO LOAD DRILL COLLARS AND PIPE ON RACK										TOOL	LENGTH	TOTAL				
9:30	14:30	5.0	MAKE UP BHA TIH DRILL CEMENT										7 7/8 BIT	1.00	1.00				
14:30	15:30	0.5	TEST CASING TO 1000 PSI TEST GOOD										BIT SUB	2.31	2.31				
15:30	21:00	6.0	DRILL 1690-2206 (WORK ON MD TOTCO) 516' 86 FPH										6'DC	29.40	29.40				
21:00	21:30	0.5	WLS @ 2206' .5 DEG										IBS	5.42	5.42				
21:30	01:00	3.5	DRILLING 2206-2691 485' 139 FPH										2-6'DCS	59.68	59.68				
1:00	01:30	0.5	WLS @2691 3.8 DEG										IBS	5.22	5.22				
1:30	05:30	4.0	TIME DRILL 2691-2864 173' 43 FPH										12-6'DCS	355.20	355.20				
5:30	06:00	0.5	WLS @ 2864 3.5 DEG																
Total:		24.0	Safety Topic: FORKLIFT OPERATION BLOW OUT PROCEDURES										KELLY		0.00				
			CONSUMABLES										DP Diameter:		4.50				
			BARITE	Sax	WATER DEPTH				DC Diameter:		6.00								
			CEMENT	Sax	AIR GAP														

										DATE: 4/29/2018																													
LEASE & WELL NUMBER UNIVERSITY D #14										FIELD FULLERTON					AFE D00049					CONTRACTOR & RIG NUMBER DOUBLE K #5					SPUD DATE 04/24/18					DAYS 5					TVD DEPTH MD 6,000				
PRESENT OPERATION DAILY DRILLING COST										FOOTAGE 925					HOURS 20.0					ROP 46					HOLE SIZE 0.00					FORMATION TYPE & TOPS QUEEN AND GRAYBURG					PROJECTED TVD I MD 5,800				
CASING O.D., WT & TVD / MD 8 5/8 24# 1685										LINER O.D.: WT: TOP & SHOE DEPTH										FIT										RIG DT / CUM DT					NEXT BOP TEST DATE 4/27/2018				
																														MISCELLANEOUS									
BRIEF DESCRIPTION OF OPERATIONS TIME DRILLING TO BRING BACK DEVIATION																																							
24-Hr Forecast:										DRILL AHEAD																													
BIT INFORMATION																																							
No		size		Mfg.		Serial number				Type		Jets		Out		Footage		Hours		ROP		Wt		RPM		T		B		G		Condition							
1		12.25		ULTERRA		37081				CF616		6-16'S		1,685		1,685		18.0		94		25		100															
2		7.88		VAREL		4010091				RS616P		6-16'S				2,104		33.5		62.8		25		100															
PUMP																																							
NO.		MODEL		LINER		SPM		PSI		GPM		AV DP		AV DC		BBLs LSTK		SLOW PUMP STKS		PSI		SHAKER SCREENS		PU		SO		ROT		AMPS		TORQUE FT/LBS							
1		RONGSHENG		6		115		710		0						48		125				88000		80000		84000													
2		RONGSHENG		6						0																													
3										0																													
IN MUD PROPERTIES																																							
0		DEPTH		WT		VIS		PV/Y/P		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/M		Ca		NaCl									
		3,789		10.00		30		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		10															
OUT MUD PROPERTIES																																							
TIME		DEPTH		WT		VIS		PV/Y/P		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/M		Ca		Cl									
DAILY MUD ADDITIVES																																							
PAPER		MF55		HEC 10		HFA 266		LIME																															
DIRECTIONAL SURVEYS																																							
M. DEPTH		ANGLE		DRIFT		TVD		DEPTH		ANGLE		M. DEPTH		ANGLE		DEPTH		ANGLE		VIS		DS																	
2994		3.00						3259.00		2.10						3657.00		2.00																					
3082		2.70						3388.00		1.90																													
3171		2.50						3521.00		2.00																													
24 HOUR OPERATIONS SUMMARY																																							
FROM		TO		HOURS																																			
06:00		09:00		3.0		DRILLING 2864-2994 130'										43 FPH										BHA 3													
9:00		09:30		0.5		WLS @ 2994 3 DEG																																	
9:30		12:00		2.5		DRILLING 2994-3082 86'										34.4 FPH										TOOL LENGTH TOTAL													
12:00		12:30		0.5		WLS @ 3082 2.7 DEG																				7 7/8 BIT 1.00 1.00													
12:30		13:00		0.5		RIG SERVICE GREASE CROWN TOP DRIVE BOOM SWAP LIGHT PLANT																				BIT SUB 2.31 2.31													
13:00		15:00		2.0		DRILLING 3082-3171 89'										45 FPH										6"DC 29.40 29.40													
15:00		15:30		0.5		WLS @ 3171 2.5 DEG																				IBS 5.42 5.42													
15:30		17:30		2.0		DRILLING 3171-3259 88'										44 FPH										2-6"DCS 59.68 59.68													
17:30		18:00		0.5		WLS @ 3259 2.1 DEG																				IBS 5.22 5.22													
18:00		20:30		2.5		DRILLING 3259-3388 129'										52 FPH										12-6"DCS 355.20 355.20													
20:30		21:00		0.5		WLS @ 3388 1.9 DEG																																	
21:00		23:00		2.0		DRILL																																	

										DATE: 4/30/2018																							
LEASE & WELL NUMBER UNIVERSITY D #14										FIELD FULLERTON					AFE D00049			CONTRACTOR & RIG NUMBER DOUBLE K #5					SPUD DATE 04/24/18			DAYS 6		TVD DEPTH MD 6,000					
PRESENT OPERATION DAILY DRILLING COST										FOOTAGE 656			HOURS 10.0			ROP 66			HOLE SIZE 0.00			FORMATION TYPE & TOPS QUEEN AND GRAYBURG					PROJECTED TVD I MD 5,800						
CASING O.D., WT & TVD / MD 8 5/8 24# 1685										LINER O.D.: WT: TOP & SHOE DEPTH										FIT					RIG DT / CLUM DT			NEXT BOP TEST DATE 4/27/2018					
																									MISCELLANEOUS								
BRIEF DESCRIPTION OF OPERATIONS TRIPPING FOR DST																																	
24-Hr Forecast:										DST AND TRIP																							
BIT INFORMATION																																	
No		size		Mfg.		Serial number				Type		Jets		Out		Footage		Hours		ROP		Wt		RPM		T		B		G		Condition	
1		12.25		ULTERRA		37081				CF616		6-16'S		1,685		1,685		18.0		94		25		100									
2		7.88		VAREL		4010091				RS616P		6-16'S				2,760		43.5		63.4		25		100									
PUMP																																	
NO.		MODEL		LINER		SPM		PSI		GPM		AV DP		AV DC		BBLs LSTK		SLOW PUMP STKS		PSI		SHAKER SCREENS		PU		SO		ROT		AMPS		TORQUE FT/LBS	
1		RONGSHENG		6		115		800		0						48		125				88000		80000		84000							
2		RONGSHENG		6						0																							
3										0																							
IN MUD PROPERTIES																																	
0		DEPTH		WT		VIS		PV/YP		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/MI		Cake		NaCl			
		4,445		10.10		32		N/A		N/A		20		N/A		N/A		12.1		N/A		N/A		10									
OUT MUD PROPERTIES																																	
TIME		DEPTH		WT		VIS		PV/YP		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/MI		Ca		Cl			
DAILY MUD ADDITIVES																																	
PAPER MF55 HEC 10 HFA 266 LIME																																	
DIRECTIONAL SURVEYS																																	
M. DEPTH		ANGLE		DRIFT		TVD		DEPTH		ANGLE		M. DEPTH		ANGLE		DEPTH		ANGLE		VIS		DS											
4097		1.00																															
FROM TO HOURS 24 HOUR OPERATIONS SUMMARY																																	
06:00		11:30		5.5		DRILLING 3789-4140 351'										64 FPH										BHA		3					
11:30		12:00		0.5		WLS @ 4140 1 DEG																											
12:00		12:30		0.5		RIG SERVICE GREASE CROWN TOP DRIVE WASH PIPE AND ROUGHNECK																				TOOL		LENGTH		TOTAL			
12:30		17:00		4.5		DRILLING 4140-4445 305'										68 FPH										7 7/8 BIT		1.00		1.00			
17:00		21:30		4.5		CIRCULATE AND CONDITION HOLE FOR DST																				BIT SUB		2.31		2.31			
21:30		23:30		2.0		TOH FOR WIPER TRIP																				6"DC		29.40		29.40			
23:30		02:00		2.5		TIH																				IBS		5.42		5.42			
2:00		02:30		0.5		CIRC																				2-6"DCS		59.68		59.68			
2:30		06:00		3.5		TOH FOR DRILL STEM TEST																				IBS		5.22		5.22			
																										12-6"DCS		355.20		355.20			

MERCURY OPERATING, LLC																							
								DATE: 5/1/2018															
LEASE & WELL NUMBER UNIVERSITY D #14								FIELD FULLERTON			AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5				SPUD DATE 04/24/18		DAYS 7		TVD DEPTH MD 6.000		
PRESENT OPERATION <b>DAILY DRILLING COST</b>						FOOTAGE 656		HOURS 10.0		ROP 66		HOLE SIZE 0.00		FORMATION TYPE & TOPS QUEEN AND GRAYBURG						PROJECTED TVD I MD 5.800			
CASING O.D., WT & TVD / MD 8 5/8 24# 1685						LINER O.D.: WT: TOP & SHOE DEPTH						FIT				RIG DT / CLUM DT		NEXT BOP TEST DATE 4/27/2018					
																MISCELLANEOUS							
BRIEF DESCRIPTION OF OPERATIONS TRIP FOR DST OPEN DST WAIT TILL DAYLIGHT TO PULL DST																							
24-Hr Forecast:						DST AND TRIP																	
BIT INFORMATION																							
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition								
1	12.25	ULTERRA	37081	CF616	6-16'S	1.685	1,685	18.0	94	25	100												
2	7.88	VAREL	4010091	RS616P	6-16'S		2,760	43.5	63.4	25	100												
PUMP																							
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	SLOW PUMP STKS	SHAKER PSI	STRING WEIGHT PU	SO	ROT	TORQUE AMPS	FIT/LBS								
1	RONGSHENG	6	115	800	0			48	125		88000	80000	84000										
2	RONGSHENG	6			0																		
3					0																		
IN MUD PROPERTIES																							
DAILY MUD COST \$1,500						TOTAL MUD COST \$5,500																	
g	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl								
	4.445	10.10	32	N/A	N/A	20	N/A	N/A	12.1	N/A	N/A	10											
OUT MUD PROPERTIES																							
TIME	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	CI								
DAILY MUD ADDITIVES																							
PAPER	MF55	HEC 10	HFA 266	LIME	STARCH																		
DIRECTIONAL SURVEYS																							
M. DEPTH	ANGLE	DRIFT	TVD	DEPTH	ANGLE	M. DEPTH	ANGLE	DEPTH	ANGLE	VIS	DS												
FROM TO HOURS 24 HOUR OPERATIONS SUMMARY																							
06:00		07:00		1.0		TOH FOR DST						BHA		3									
7:00		09:00		2.0		MAKE UP DST TOOLS																	
9:00		14:00		5.0		TIH WITH DST						TOOL		LENGTH		TOTAL							
14:00		15:00		1.0		RIG UP CHOKE AND BLEEDER LINE FOR DST						7 7/8 BIT		1.00		1.00							
15:00		20:00		5.0		DST #1						BIT SUB		2.31		2.31							
20:00		20:30		0.5		TOH TILL DARK						6"DC		29.40		29.40							
20:30		06:00		9.5		WO DAYLIGHT TO RETRIEVE TOOLS						IBS		5.42		5.42							
												2-6"DCS		59.68		59.68							
												IBS		5.22		5.22							
												12-6"DCS		355.20		355.20							
Total:			24.0	Safety Topic:		H2S SAFETY TRIPPING PIPE						KELLY				0.00							
						CONSUMABLES																	
						STARCH		Sax		WATER DEPTH		DP Diameter:				4.50							

[illegible]



MERCURY OPERATING, LLC								DATE: 5/3/2018													
LEASE & WELL NUMBER UNIVERSITY D #14						FIELD FULLERTON		AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5					SPUD DATE 04/24/18		DAYS 9		TVD DEPTH MD 6,000		
PRESENT OPERATION <b>DAILY DRILLING COST</b>						FOOTAGE 525		HOURS 13.0		ROP 40		HOLE SIZE 0.00		FORMATION TYPE & TOPS QUEEN AND GRAYBURG				PROJECTED TVD \ MD 5,800			
CASING O.D., WT & TVD / MD 8 5/8 24# 1685						LINER O.D.: WT: TOP & SHOE DEPTH						FIT				RIG DT / CUM DT		NEXT BOP TEST DATE 4/27/2018			
												MISCELLANEOUS									
BRIEF DESCRIPTION OF OPERATIONS TOOH FOR LOGS AND RUNNING CASING																					
24-Hr Forecast: LOG RUN CASING CEMENT RIG DOWN																					
BIT INFORMATION																					
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition						
1	12.25	ULTERRA	37081	CF616	6-16'S	1,685	1,685	18.0	94	25	100										
2	7.88	VAREL	4010091	RS616P	6-16'S	5,538	3,853	67.0	57.5	25	100										
PUMP																					
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	STKS	PSI	SLOW PUMP SCREENS	PU	SO	ROT	AMPS	TORQUE FT/LBS					
1	RONGSHENG	6	115	1108	0				48	125		114000	105000	110000							
2	RONGSHENG	6			0																
3					0																
IN MUD PROPERTIES						DAILY MUD COST \$1,500				TOTAL MUD COST \$7,700											
Ø	DEPTH	WT	VIS	PV/YIP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Cake	NaCl						
	5.538	10.10	32	N/A	N/A	25	N/A	N/A	12.1	N/A	N/A	10									
OUT MUD PROPERTIES																					
TME	DEPTH	WT	VIS	PV/YIP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Ca	Cl						
DAILY MUD ADDITIVES																					
PAPER	MF55	HEC 10	HFA 266	LIME	STARCH																
DIRECTIONAL SURVEYS																					
M. DEPTH	ANGLE	DRIFT	TVD	DEPTH	ANGLE	M. DEPTH	ANGLE	DEPTH	ANGLE	V/S	DS										
5102	0.60																				
FROM TO HOURS 24 HOUR OPERATIONS SUMMARY																					
06:00	08:00	2.0	DRILLING 5013-5102 89'					45 FPH					BHA		3						
8:00	08:30	0.5	WLS @ 5102 .6 DEG																		
8:30	19:30	11.0	DRILLING 5102-5538 436'					40 FPH					TOOL		LENGTH		TOTAL				
19:30	20:30	1.0	CIRC										7 7/8 BIT		1.00		1.00				
20:30	02:00	5.5	SHORT TRIP 2000' FOR LOGS										BIT SUB		2.31		2.31				
2:00	04:00	2.0	CIRC										6"DC		29.40		29.40				
4:00	06:00	2.0	TOOH FOR LOGS										IBS		5.42		5.42				
													2-6'DCS		59.68		59.68				
													IBS		5.22		5.22				
													12-6'DCS		355.20		355.20				
Total:		24.0	Safety Topic: H2S SAFETY TRIPPING PIPE										KELLY			5537.70					
			CONSUMABLES										DP Diameter:		4.50						
			STARCH Sax					WATER DEPTH					DC Diameter:		6.00						
			CEMENT Sax					AIR GAP							5537.70						
			GEL Sax					RTB-WATER					ACCIDENTS		N/A						
			FUEL Bbl					RTB-MUDLINE					POLLUTION		N/A						
			DRILL WATER Bbl					RTB-WELLHEAD					PREV. TOTAL		\$272.204						
			POT WATER Bbl</																		

<div>MERCURY OPERATING, LLC</div>									DATE:							5/4/2018																
LEASE & WELL NUMBER UNIVERSITY D #14									FIELD FULLERTON			AFE D00049		CONTRACTOR & RIG NUMBER DOUBLE K #5							SPUD DATE 04/24/18			DAYS 9		TVD DEPTH MD 6,000						
PRESENT OPERATION <b>DAILY DRILLING COST</b>									FOOTAGE 0		HOURS 0.0		ROP 0		HOLE SIZE 0.00		FORMATION TYPE & TOPS							PROJECTED TVD \ MD 5,800								
CASING O.D., WT & TVD / MD 8 5/8 24# 1685    5 1/2 15.5# 5540									LINER O.D.: WT: TOP & SHOE DEPTH							FIT							RIG DT / CUM DT			NEXT BOP TEST DATE						
																MISCELLANEOUS																
BRIEF DESCRIPTION OF OPERATIONS JETTING PITS RIGGING DOWN																																
24-Hr Forecast: RIG DOWN																																
BIT INFORMATION																																
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition																	
1	12.25	ULTERRA	37081	CF616	6-16'S	1,685	1,685	18.0	94	25	100	8	8	2	8%																	
2	7.88	VAREL	4010091	RS616P	6-16'S	5,538	3,853	67.0	57.5	25	100																					
PUMP																																
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLs LSTK	SKTS	PSI	SCREENS	PU	SO	ROT	AMPS	FT/LBS TORQUE																
1	RONGSHENG	6	115	1108	0			48	125			114000	105000	110000																		
2	RONGSHENG	6			0																											
3					0																											
IN MUD PROPERTIES																																
DAILY MUD COST \$0						TOTAL MUD COST \$7,844																										
0	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/Mf	Cake	NaCl																	
OUT MUD PROPERTIES																																
TIME	DEPTH	WT	VIS	PV/Y/P	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/Mf	Ca	CI																	
DAILY MUD ADDITIVES																																
DIRECTIONAL SURVEYS																																
M. DEPTH	ANGLE	DRIFT	TVD	DEPTH	ANGLE	M. DEPTH	ANGLE	DEPTH	ANGLE	V/S	DS																					
FROM	TO	HOURS	24 HOUR OPERATIONS SUMMARY																													
06:00	09:30	3.5	LDDP TO LOG WELL													BHA	3															
9:30	16:00	6.5	RIG UP AND LOG WELL LOGGERS TD 5540' RIG DOWN																													
16:00	22:30	6.5	RIG UP AND RUN 130 JTS OF 5.5 CASING AND ONE MARKER JT													TOOL	LENGTH	TOTAL														
22:30	02:00	3.5	RIG UP AND CEMENT W/380 SKS LEAD 520 TAIL CIRC 89 SKS PLUG DOWN AT 1:45 AM																													
2:00	04:00	2.0	NIPPLE DOWN SET SLIPS W/WEATHERFORD																													
4:00	06:00	2.0	JET PITS RIG DOWN																													
Total:		24.0	Safety Topic: NIPPLE DOWN JETTING PITS AND RIGGING DOWN													KELLY		0.00														
			CONSUMABLES						WATER DEPTH						DP Diameter:						4.50											
			STARCH						Sax						AIR GAP						DC Diameter:						6.00					
			CEMENT						Sax												0.00											
			GEL						Sax						RTB-WATER						ACCIDENTS						N/A					
			FUEL						Bbl						RTB-MUDLINE						POLLUTION						N/A					
			DRILL WATER						Bbl						RTB-WELLHEAD						PREV. TOTAL						\$287,509					
			POT WATER						Bbl						RTB-HYDRIL						DAILY COST						\$73,615					
			MAN HRS						24						Bow Heading						CUMM. TOTAL						\$361,124					
0			TOTAL ON BOARD						TOTAL MAN HRS						240						RIG SUPERVISORS											
WIND			SEAS			WORK BOAT			CREW BOAT			FUEL RECEIVED			BRAD ANDERSON																	

[illegible]