



MERCURY OPERATING, LLC																									
						DATE: 7/12/2018																			
LEASE & WELL NUMBER UNIVERSITY D #12						FIELD FULLERTON		AFE D00047	CONTRACTOR & RIG NUMBER DOUBLE K #5			SPUD DATE 07/12/18		DAYS 0.5	TVD DEPTH MD 807										
PRESENT OPERATION DAILY DRILLING COST				FOOTAGE 757	HOURS 3.5	ROP 216	HOLE SIZE 13.50	FORMATION TYPE & TOPS RED BED		PROJECTED TVD \ MD															
CASING O.D., WT & TVD / MD				LINER O.D.: WT: TOP & SHOE DEPTH				FIT		RIG DT / CLUM DT	NEXT BOP TEST DATE														
										MISCELLANEOUS															
BRIEF DESCRIPTION OF OPERATIONS DRILLING																									
24-Hr Forecast: DRILL TOH RUN CASING CEMENT																									
BIT INFORMATION																									
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition										
1	13.50	VAREL	4007900	RS616DHUX	6-12'S		757	3.5	216	10	130														
									#DIV/0!																
PUMP																									
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	SLOW PUMP STKS	SHAKER SCREENS	STRING WEIGHT PU	SO	ROT	AMPS	TORQUE FT/LBS										
1	BRIDGES	6	115	685	0																				
2	BRIDGES	6			0																				
3					0																				
IN MUD PROPERTIES																									
			DEPTH		WT	VIS	PV/VYP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl							
			807		8.50	28																			
OUT MUD PROPERTIES																									
			DEPTH		WT	VIS	PV/VYP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	CI							
			807		8.5	28																			
DAILY MUD ADDITIVES																									
PAPER SOAP MF55																									
DIRECTIONAL SURVEYS																									
M. DEPTH			ANGLE		DRIFT		TVD		V/S		DS		M. DEPTH			ANGLE		DRIFT		TVD		V/S		DS	
280			0.60																						
FROM	TO	HOURS	24 HOUR OPERATIONS SUMMARY																						
06:00	21:00	15.0	MOVE RIG RIG UP												BHA	3									
21:00	22:30	1.5	PICK UP CONDUCTOR AND WELD CONDUCTOR																						
22:30	02:00	3.5	INSTALL FLOW LINE STRAP CASING AND COLLARS MAKE UP BHA												TOOL	LENGTH		TOTAL							
2:00	03:30	1.5	SPUD IN DRILL 50-311 261' 174 FPH																						
3:30	04:00	0.5	WLS @ 280 .6 DEG																						
4:00	06:00	2.0	DRILLING 311-807 496' 248 FPH																						
Total:		24.0	Safety Topic: RIGGING UP PICKING UP COLLARS												KELLY										
			CONSUMABLES						WATER DEPTH			DP Diameter:													
			CEMENT						AIR GAP			DC Diameter:			807.00										
			GEL						RTB-WATER			ACCIDENTS			N/A										
			FUEL						RTB-MUDLINE			POLLUTION			N/A										
			DRILL WATER						RTB-WELLHEAD			PREV. TOTAL			\$0										
			POT WATER						RTB-HYDRIL			DAILY COST			\$89,500										
			MAN HRS						Bow Heading			CUMM. TOTAL			\$89,500										
TOTAL ON BOARD			TOTAL MAN HRS						9			RIG SUPERVISORS													
WIND			SEAS			WORK BOAT			CREW BOAT			FUEL RECEIVED			Brad Anderson										

										DATE: 7/13/2018																													
LEASE & WELL NUMBER UNIVERSITY D #12										FIELD FULLERTON					AFE D00047		CONTRACTOR & RIG NUMBER DOUBLE K #5					SPUD DATE 07/12/18					DAYS 2		TVD DEPTH MD 1,768										
PRESENT OPERATION DAILY DRILLING COST										FOOTAGE 961		HOURS 8.0		ROP 120		HOLE SIZE 13.50		FORMATION TYPE & TOPS RED BED										PROJECTED TVD \ MD											
CASING O.D., WT & TVD / MD 8 5/8 24# 1768'										LINER O.D.: WT: TOP & SHOE DEPTH										FIT										RIG DT / CUM DT					NEXT BOP TEST DATE				
																														MISCELLANEOUS									
BRIEF DESCRIPTION OF OPERATIONS WOC																																							
24-Hr Forecast:										WELD HEAD 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		13.50		VAREL		4007900				RS616DHUX		6-12'S		1,768		1,718		11.5		149		10		130															
																				#DIV/0!																			
PUMP																																							
NO.		MODEL		LINER		SPM		PSI		GPM		AV DP		AV DC		BBLs 1STK		STKS		PSI		SCREENS		PU		SO		ROT		AMPS		TORQUE FT/LBS							
1		BRIDGES		6		115		685		0																													
2		BRIDGES		6						0																													
3										0																													
IN MUD PROPERTIES																																							
DAILY MUD COST										\$2,500										TOTAL MUD COST										\$4,500									
0		DEPTH		WT		VIS		PV/YP		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/Mf		Cake		NaCl									
		1,768		8.90		34																																	
OUT MUD PROPERTIES																																							
TME		DEPTH		WT		VIS		PV/YP		GELS		API		HTWL		MBT		SOLIDS		Pm		%LGS		pH		P/Mf		Ca		Cl									
		1768		8.9		34																																	
DAILY MUD ADDITIVES																																							
PAPER SOAP MF55 STARCH																																							
DIRECTIONAL SURVEYS																																							
M. DEPTH		ANGLE		M.DEPH		ANGLE		VIS		DS		M. DEPTH		ANGLE		DRIFT		TVD		VIS		DS																	
280		0.60		1599.00		0.70																																	
764		0.70																																					
1206		1.20																																					
24 HOUR OPERATIONS SUMMARY																																							
FROM		TO		HOURS																				BHA		3													
06:00		06:30		0.5		WLS @ 764 .7 DEG																																	
6:30		09:30		3.0		DRILLING 807-1251																		444'		148 FPH													
9:30		10:00		0.5		WLS @ 1206 1.2 DEG																																	
10:00		10:30		0.5		DRILLING 1251-1296																		45'		90 FPH													
10:30		11:00		0.5		RIG SERVICE																																	
11:00		14:30		3.5		DRILLING 1296-1644																		348'		99 FPH													
14:30		15:00		0.5		WLS @ 1599 .7 DEG																																	
15:00		16:00		1.0		DRILLIG 1644-1768																		124'		124 FPH													
16:00		16:30		0.5		CIRC																				13.5 BIT		1.15											
16:30		20:00		3.5		TOOH																				8"SHOCK SUB		11.98											
20:00		00:00		4.0		RIG UP AND RUN 8 5/8 CASING																				3-8"DCS		89.66											
0:00		02:30		2.5		RIG UP AND CEMENT W/ 565 SKS LEAD 360 SKS TAIL CIRC 228 SKS PLUG DOWN AT 2:40 AM																				XO		3.00											
2:30		06:00		3.5		WOC																				15-6"DCS		440.58											

MERCURY OPERATING, LLC						DATE: 7/14/2018													
LEASE & WELL NUMBER UNIVERSITY D #12						FIELD FULLERTON		AFE D00047		CONTRACTOR & RIG NUMBER DOUBLE K #5				SPUD DATE 07/12/18		DAYS 3		TVD DEPTH MD 2,467	
PRESENT OPERATION DAILY DRILLING COST				FOOTAGE 699		HOURS 5.0		ROP 140		HOLE SIZE 7.88		FORMATION TYPE & TOPS SALT				PROJECTED TVD \MD			
CASING O.D., WT & TVD / MD 8 5/8 24# 1768'				LINER O.D.: WT: TOP & SHOE DEPTH				FIT 1778' 1500PSI GOOD				RIG DT / CUM DT		NEXT BOP TEST DATE 7/15/2018					
												MISCELLANEOUS							
BRIEF DESCRIPTION OF OPERATIONS DRILLING																			
24-Hr Forecast: SLIDE AND ROTATE TO BUILD 13 DEG CURVE																			
BIT INFORMATION																			
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition				
1	13.50	VAREL	4007900	RS616DHUX	6-12'S	1,768	1,718	11.5	149	10	130								
2	7.88	ULTERRA	41021	U616M	6-14'S		699	5.0	139.8	10	70								
PUMP																			
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS I STK	SLOW PUMP STKS	SHAKER PSI	SCREENS PU	STRING WEIGHT SO	TORQUE ROT	AMPS	FT/LBS				
1	BRIDGES	6	120	1900	418						47	41	44						
2	BRIDGES	6			0														
3					0														
IN MUD PROPERTIES																			
DAILY MUD COST				\$0				TOTAL MUD COST				\$4,500							
0	DEPTH	WT	VIS	PV/YIP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Cake	NaCl				
	2,467	10.00	31									10							
OUT MUD PROPERTIES																			
TIME	DEPTH	WT	VIS	PV/YIP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Ca	CI				
	2467	10	31									10							
DAILY MUD ADDITIVES																			
GEL MF55																			
DIRECTIONAL SURVEYS																			
M. DEPTH	ANGLE	M.DEPTH	ANGLE	V/S	DS	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS								
280	0.60	1599.00	0.70																
764	0.70	1790.00	0.90																
1206	1.20	2177.00	7.60																
24 HOUR OPERATIONS SUMMARY																			
FROM	TO	HOURS										BHA	3						
06:00	06:30	0.5	WOC																
6:30	08:30	2.0	CUT OFF WELD ON HEAD TEST TO 1000 PSI TEST GOOD																
8:30	16:00	7.5	NIPPLE UP BOP									TOOL	LENGTH	TOTAL					
16:00	18:00	2.0	PICK UP BHA SCRIBE MOTOR WHILE WE WAIT ON RAMS																
18:00	20:00	2.0	FILL HOLE TEST BLIND RAMS CHOKE AND CASING 250 LOW AND 1000 HIGH TEST GOOD																
20:00	22:00	2.0	TIH																
22:00	22:30	0.5	TEST PIPE RAMS AND ANNULAR 250 LOW AND 1000 PSI HIGH TEST GOOD																
22:30	23:00	0.5	TIH									7 7/8 BIT	1.00						
23:00	23:30	0.5	DRILL CEMENT PLUG AND 10' NEW FORMATION									6 1/4 MOTOR	27.00						
23:30	00:00	0.5	INTEGRITY TEST AT 1778 TO 1000PSI TEST GOOD									REAMER	5.80						
0:00	06:00	6.0	ROTATE AND SLIDE 1778-2467 689' 115 FPH									MULESHOE	2.60						
												MWD	29.10						
			SLIDE 1942-1962 2035-2057 2126-2148 2213-2230 2301-2314									MONEL	26.75						
												54-4.5 DRILL PIPE	2375.00						
			CONTACTED RRC JOB #138704																
Total:		24.0	Safety Topic: TRIPPING RUNNING CASING CEMENT									KELLY							
			CONSUMABLES									DP Diameter:							
			BARITE			Sax			WATER DEPTH		DC Diameter:								
			CEMENT			Sax			AIR GAP				2467.25						
			GEL			Sax			RTB-WATER		ACCIDENTS		N/A						
			FUEL			Bbl			RTB-MUDLINE		POLLUTION		N/A						
			DRILL WATER			Bbl			RTB-WELLHEAD		PREV. TOTAL		\$161,525						
			POT WATER			Bbl			RTB-HYDRIL		DAILY COST		\$52,670						
			MAN HRS			24			Bow Heading		CUMM. TOTAL		\$214,195						
0 TOTAL ON BOARD			TOTAL MAN HRS			57			RIG SUPERVISORS										
WIND		SEAS		WORK BOAT		CREW BO													

										DATE: 7/15/2018									
LEASE & WELL NUMBER UNIVERSITY D #12					FIELD FULLERTON					AFE D00047					CONTRACTOR & RIG NUMBER DOUBLE K #5				
PRESENT OPERATION DAILY DRILLING COST					FOOTAGE 1,760		HOURS 23.5		ROP 75		HOLE SIZE 7.88		FORMATION TYPE & TOPS SALT						
CASING O.D., WT & TVD / MD 8 5/8 24# 1768'					LINER O.D., WT, TOP & SHOE DEPTH					FIT 1778' 1500PSI GOOD					RIG DT / CUM DT		PROJECTED TVD / MD 4,227		
																	NEXT BOP TEST DATE 7/16/2018		
																	MISCELLANEOUS		
BRIEF DESCRIPTION OF OPERATIONS DRILLING																			
24-Hr Forecast: SLIDE AND ROTATE TD TOO																			
BIT INFORMATION																			
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition				
1	13.50	VAREL	4007900	RS616DHUX	6-12'S	1,768	1,718	11.5	149	10	130								
2	7.88	ULTERRA	41021	U616M	6-14'S		2,456	28.5	86.2	25	70								
PUMP																			
NO	MODEL	LINER	SPM	PSI	GPM	DP	DC	1STK	STKS	PSI	SCREENS	PU	SO	ROT	AMPS	FT/LBS			
1	BRIDGES	6	55	750	210							72	66	69					
2	BRIDGES	6	55	750	210														
3				0															
IN MUD PROPERTIES																			
DAILY MUD COST \$2,200 TOTAL MUD COST \$6,700																			
0	DEPTH	WT	VIS	PV/YP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Cake	NaCl				
	4,227	10.10	30									10							
OUT MUD PROPERTIES																			
TIME	DEPTH	WT	VIS	PV/YP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Ca	Cl				
	4227	10.1	30									10							
DAILY MUD ADDITIVES																			
GEL MF55																			
DIRECTIONAL SURVEYS																			
M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	DRIFT	TVD	VIS	DS								
280	0.60	1599.00	0.70	2758.00	13.90														
764	0.70	1790.00	0.90	3302.00	13.60														
1206	1.20	2177.00	7.60	3682.00	14.10														
24 HOUR OPERATIONS SUMMARY																			
FROM	TO	HOURS											BHA	3					
06:00	15:00	9.0	DRILL AND SLIDE 2467-3346 879' 98 FPH																
15:00	15:30	0.5	RIG SERVICE																
15:30	06:00	14.5	DRILL AND SLIDE 3346-4227 881' 61 FPH										TOOL	LENGTH	TOTAL				
SLIDE 2477-2487 2641-2661 2730-2752 2998-3016 3432-3450 3704-3734 3885-3905 4046-4095																			
7 7/8 BIT 1.00																			
6 1/4 MOTOR 27.00																			
REAMER 5.80																			
MULESHOE 2.60																			
CIRC 11-12:30AM 29.10																			
TOOH 12:30-6:00 26.75																			
LOG 6:00AM-4PM																			
94-4.5 DRILL PIPE 4135.00																			
CONTACTED RRC JOB #138704																			
4227.25																			
Total:	24.0	Safety Topic: CLEANING CASING BOP DRILL H2S										KELLY							
CONSUMABLES																			
BARITE Sax WATER DEPTH																			
CEMENT Sax AIR GAP																			
GEL Sax RTB-WATER																			
FUEL Bbl RTB-MUDLINE																			
DRILL WATER Bbl RTB-WELLHEAD																			
POT WATER Bbl RTB-HYDRIL																			
MAN HRS 24 Bow Heading																			
0	TOTAL ON BOARD										TOTAL MAN HRS 81		RIG SUPERVISORS						
WIND		SEAS		WORK BOAT		CREW BOAT		FUEL RECEIVED		Brad Anderson									
ACCIDENTS N/A																			
POLLUTION N/A																			
PREV. TOTAL \$214,195																			
DAILY COST \$47,470																			
CUMM. TOTAL \$261,665																			

MERCURY OPERATING, LLC																			
LEASE & WELL NUMBER UNIVERSITY D #12						FIELD FULLERTON		AFE D00047		CONTRACTOR & RIG NUMBER DOUBLE K #5									
PRESENT OPERATION DAILY DRILLING COST						FOOTAGE 1,760		HOURS 23.5		ROP 75		HOLE SIZE 7.88		FORMATION TYPE & TOPS SALT					
CASING O.D., WT & TVD / MD 8 5/8 24# 1768'						LINER O.D.: WT: TOP & SHOE DEPTH				FIT 1778' 1500PSI GOOD				RIG DT / CUM DT 25 70		PROJECTED TVD MD 5,659			
										MISCELLANEOUS									
BRIEF DESCRIPTION OF OPERATIONS TOH FOR LOGS																			
24-Hr Forecast:		LOG RUN CASING CEMENT																	
BIT INFORMATION																			
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition				
1	13.50	VAREL	4007900	RS616DHUX	6-12'S	1,768	1,718	11.5	149	10	130								
2	7.88	ULTERRA	41021	U616M	6-14'S		3,891	47.5	81.9	25	70								
PUMP																			
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLs LSTK	SKTS	PSI	SCREENS	PU	SO	ROT	AMPS	FT/LBS TORQUE			
1	BRIDGES	6	55	750	210							72	66	69					
2	BRIDGES	6	55	750	210														
3					0														
IN MUD PROPERTIES																			
DAILY MUD COST				\$1,058				TOTAL MUD COST				\$7,758							
0	DEPTH	WT	VIS	PV/VF	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Cake	NaCl				
	5.659	10.10	30			10						10							
OUT MUD PROPERTIES																			
TME	DEPTH	WT	VIS	PV/VF	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	PIMf	Ca	CI				
	5959	10.1	30			10						10							
GEL MF55 STARCH																			
DIRECTIONAL SURVEYS																			
M. DEPTH	ANGLE	M.DEPTH	ANGLE	M.DEPTH	ANGLE	M. DEPTH	ANGLE	DRIFT	TVD	V/S	DS								
280	0.60	1599.00	0.70	2758.00	13.90	4577	14.50												
764	0.70	1790.00	0.90	3302.00	13.60	4952	13.90												
1206	1.20	2177.00	7.60	3682.00	14.10	5444	13.40												
24 HOUR OPERATIONS SUMMARY																			
FROM	TO	HOURS																	
06:00	16:30	10.5	DRILL AND SLIDE 4227-4925 696'									BHA		3					
16:30	17:00	0.5	RIG SERVICE																
17:00	02:00	9.0	DRILL AND SLIDE 4925-5659 734'									TOOL		LENGTH		TOTAL			
2:00	03:30	1.5	CIRC																
3:30	06:00	2.5	TOOH FOR LOGS																
Total:	24.0	Safety Topic: MAKING CONNECTION TOH															KELLY		
			CONSUMABLES						DP Diameter:										
			BARITE		Sax		WATER DEPTH		DC Diameter:										
			CEMENT		Sax		AIR GAP				5659.00								
			FUEL		Sax		RTB-WATER		ACCIDENTS		N/A								
			DRILL WATER		Bbl		RTB-MUDLINE		POLLUTION		N/A								
			POT WATER		Bbl		RTB-WELLHEAD		PREV. TOTAL		\$261,665								
			MAN HRS		24		Bow Heading		DAILY COST		\$29,070								
			TOTAL ON BOARD		TOTAL MAN HRS		105		CUMM. TOTAL		\$290,735								
			WIND		SEAS		WORK BOAT		CREW BOAT		RIG SUPERVISORS								
											Brad Anderson								

MERCURY OPERATING, LLC																	
							DATE:										
LEASE & WELL NUMBER UNIVERSITY D #12				FIELD FULLERTON		AFE D00047	CONTRACTOR & RIG NUMBER DOUBLE K #5		SPUD DATE 07/12/18			DAYS 6		TVD DEPTH MD			
PRESENT OPERATION DAILY DRILLING COST				FOOTAGE 0		HOURS 0.0	ROP 0	HOLE SIZE 0.00	FORMATION TYPE & TOPS 0			PROJECTED TVD I MD 5,659					
CASING O.D., WT & TVD / MD 8 5/8 24# 1768' 5.5 15.5# 5659'				LINER O.D.: WT: TOP & SHOE DEPTH				FIT 1778' 1500PSI GOOD			RIG DT / CLUM DT		NEXT BOP TEST DATE				
											MISCELLANEOUS						
BRIEF DESCRIPTION OF OPERATIONS JETTING PITS																	
24-Hr Forecast: RIG DOWN WAIT ON TRUCKS																	
BIT INFORMATION																	
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition		
1	13.50	VAREL	4007900	RS616DHUX	6-12'S	1,768	1,718	11.5	149	10	130						
2	7.88	ULTERRA	41021	U616M	6-14'S	5,659	3,891	47.5	81.9	25	70						
PUMP																	
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	SLOW PUMP STKS	SHAKER SCREENS	PUMP PU	STRING WEIGHT SO	ROT	TORQUE AMPS	FIT/LBS		
1	BRIDGES	6	55	750	210						72	66	69				
2	BRIDGES	6	55	750	210												
3					0												
IN MUD PROPERTIES																	
DAILY MUD COST \$1,058 TOTAL MUD COST \$7,758																	
DEPTH	WT	VIS	PV/YVP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl			
0	5,659	10.10	30		10						10						
OUT MUD PROPERTIES																	
TIME	DEPTH	WT	VIS	PV/YVP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	CI		
	5959	10.1	30			10						10					
DAILY MUD ADDITIVES																	
GEL MF55 STARCH																	
DIRECTIONAL SURVEYS																	
M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	DRIFT	TVD	VIS	DS						
280	0.60	1599.00	0.70	2758.00	13.90	4577	14.50										
764	0.70	1790.00	0.90	3302.00	13.60	4952	13.90										
1206	1.20	2177.00	7.60	3682.00	14.10	5444	13.40										
24 HOUR OPERATIONS SUMMARY																	
FROM TO HOURS																	
06:00 10:30	4.5	LAY DOWN PIPE AND DIRECTIONAL TOOLS										BHA	3				
10:30 19:00	8.5	RIG UP AND LOG WELL															
19:00 00:00	5.0	RIG UP AND RUN CASING										TOOL	LENGTH	TOTAL			
0:00 02:00	2.0	RIG UP AND CEMENT W/ 580 SKS LEAD 520 SKS TAIL CIRC 240 SKS PLUG DOWN AT 2:00 AM															
2:00 04:00	2.0	NIPPLE DOWN SET SLIPS															
4:00 06:00	2.0	JET PITS															
												7 7/8 BIT		1.00			
												6 1/4 MOTOR		27.00			
												REAMER		5.80			
												MULESHOE		2.60			
												MWD		29.10			
												MONEL		26.75			
												127-4.5 DRILL PIPE		5566.75			
Total:	24.0	Safety Topic: TRIPPING RUNNING CASING AND CEMENTING										KELLY		5659.00			
CONSUMABLES																	
		BARITE	Sax	WATER DEPTH	DP Diameter:												
		CEMENT	Sax	AIR GAP	DC Diameter:												
		GEL	Sax	RTB-WATER	ACCIDENTS	N/A											
		FUEL	Bbl	RTB-MUDLINE	POLLUTION	N/A											
		DRILL WATER	Bbl	RTB-WELLHEAD	PREV. TOTAL	\$290,735											
		POT WATER	Bbl	RTB-HYDRIL	DAILY COST	\$116,970											
		MAN HRS	24	Bow Heading	CUMM. TOTAL	\$407,705											
TOTAL ON BOARD		TOTAL MAN HRS		105	RIG SUPERVISORS												
WIND SEAS		WORK BOAT CREW BOAT		FUEL RECEIVED	Brad Anderson												

MERCURY OPERATING, LLC																					
LEASE & WELL NUMBER UNIVERSITY D #12								FIELD FULLERTON		AFE D00047		CONTRACTOR & RIG NUMBER DOUBLE K #5				DATE: 7/18/2018					
PRESENT OPERATION DAILY DRILLING COST								FOOTAGE 0		HOURS 0.0		ROP 0		HOLE SIZE 0.00		FORMATION TYPE & TOPS 0		SPUD DATE 07/12/18			
CASING O.D., WT & TVD / MD 8 5/8 24# 1768' 5.5 15.5# 5659'								LINER O.D.: WT: TOP & SHOE DEPTH				FIT 1778' 1500PSI GOOD				RIG DT / CLUM DT		TVD DEPTH MD 7		PROJECTED TVD I MD 5,659	
																NEXT BOP TEST DATE					
																MISCELLANEOUS					
BRIEF DESCRIPTION OF OPERATIONS JETTING PITS																					
24-Hr Forecast: RIG DOWN WAIT ON TRUCKS																					
BIT INFORMATION																					
No	size	Mfg.	Serial number	Type	Jets	Out	Footage	Hours	ROP	Wt	RPM	T	B	G	Condition						
1	13.50	VAREL	4007900	RS616DHUX	6-12'S	1,768	1,718	11.5	149	10	130										
2	7.88	ULTERRA	41021	U616M	6-14'S	5,659	3,891	47.5	81.9	25	70										
PUMP																					
NO.	MODEL	LINER	SPM	PSI	GPM	AV DP	AV DC	BBLS LSTK	SLOW PUMP STKS	SHAKER PSI	SCREENS PU	STRING WEIGHT SO	ROT	TORQUE AMPS	FT/LBS						
1	BRIDGES	6	55	750	210						72	66	69								
2	BRIDGES	6	55	750	210																
3					0																
IN MUD PROPERTIES																					
DAILY MUD COST \$1,058						TOTAL MUD COST \$7,758															
DEPTH	WT	VIS	PV/VYP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Cake	NaCl							
5.659	10.10	30			10						10										
OUT MUD PROPERTIES																					
TIME	DEPTH	WT	VIS	PV/VYP	GELS	API	HTWL	MBT	SOLIDS	Pm	%LGS	pH	P/M/I	Ca	CI						
5959	10.1	30				10						10									
GEL MF55 STARCH																					
DIRECTIONAL SURVEYS																					
M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	M. DEPTH	ANGLE	DRIFT	TVD	VIS	DS										
280	0.60	1599.00	0.70	2758.00	13.90	4577	14.50														
764	0.70	1790.00	0.90	3302.00	13.60	4952	13.90														
1206	1.20	2177.00	7.60	3682.00	14.10	5444	13.40														
24 HOUR OPERATIONS SUMMARY																					
FROM	TO	HOURS	JET PITS RIG DOWN WAIT ON TRUCKS RIG RELEASED AT 8:00 AM										BHA		3						
06:00	06:00	24.0											TOOL		LENGTH		TOTAL				
Total:		24.0	Safety Topic: TRIPPING RUNNING CASING AND CEMENTING										KELLY								
			CONSUMABLES										DP Diameter:								
			BARITE Sax										DC Diameter:								
			CEMENT Sax														5659.00				
			GEL Sax										RTB-WATER		ACCIDENTS N/A						
			FUEL Bbl										RTB-MUDLINE		N/A						
			DRILL WATER Bbl										RTB-WELLHEAD		PREV. TOTAL \$407,705						
			POT WATER Bbl										RTB-HYDRIL		DAILY COST \$19,000						
			MAN HRS 24										Bow Heading		CUMM. TOTAL \$426,705						
o TOTAL ON BOARD			TOTAL MAN HRS 105																		
WIND SEAS WORK BOAT CREW BOAT FUEL RECEIVED																					