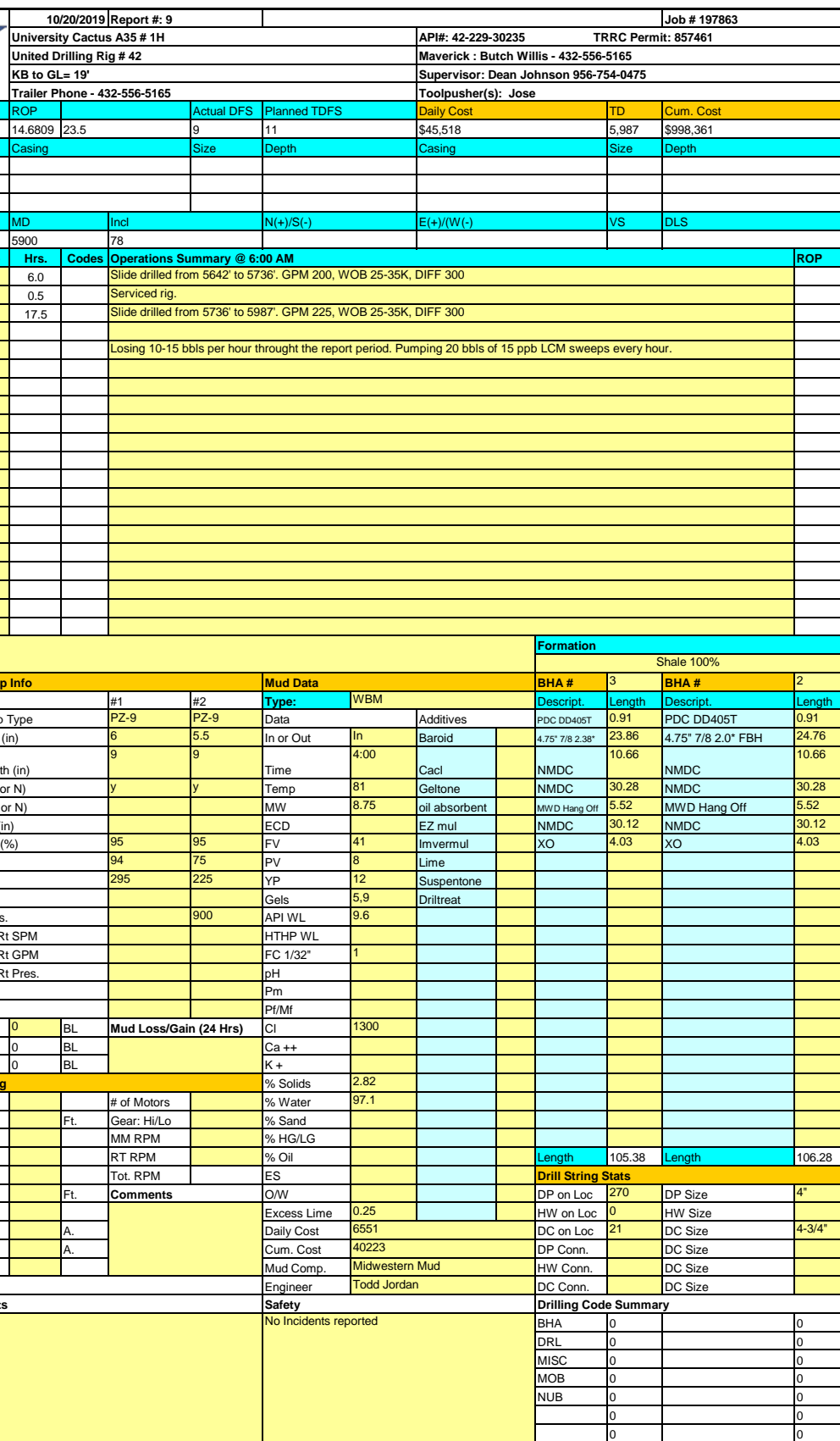
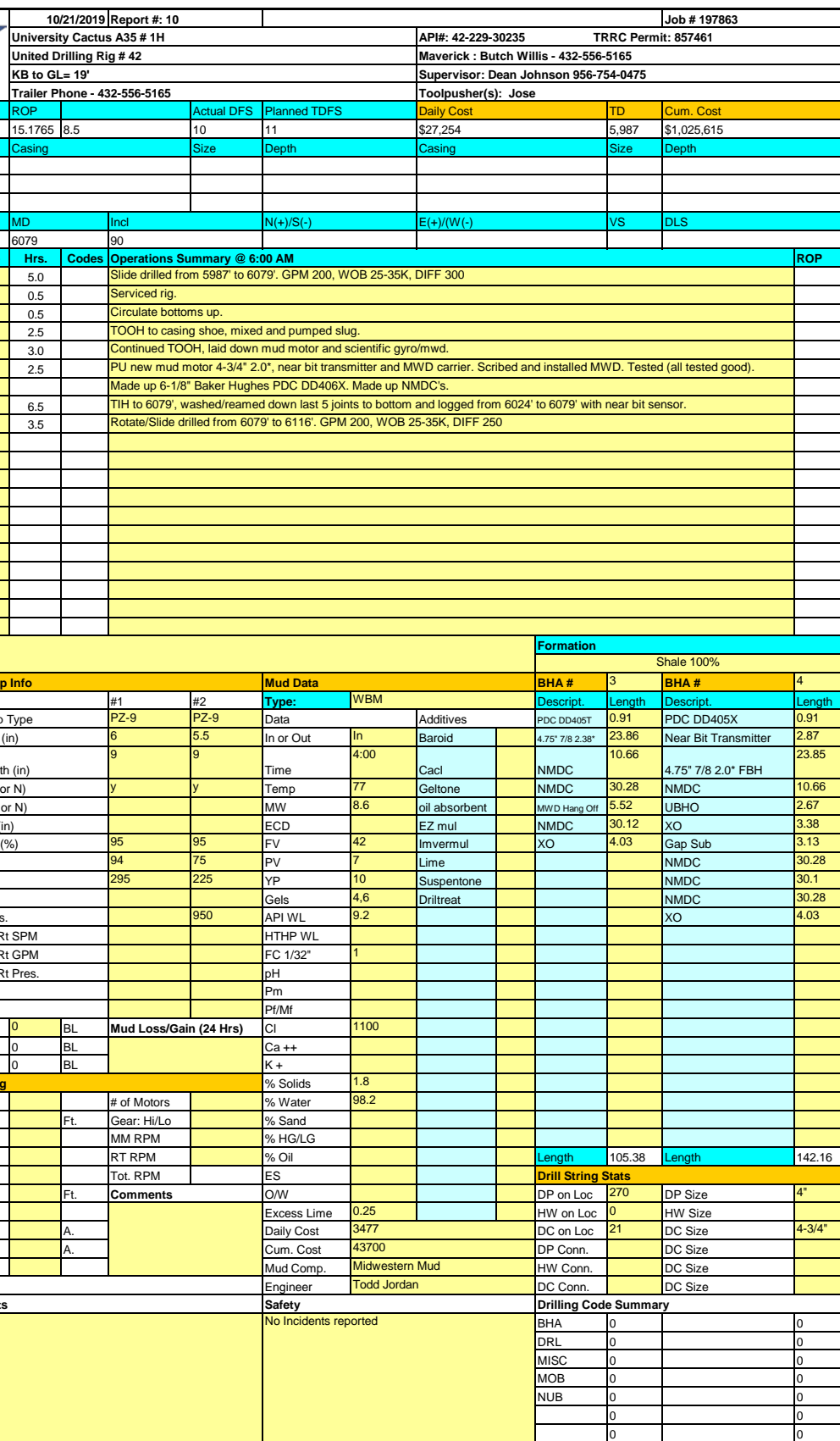
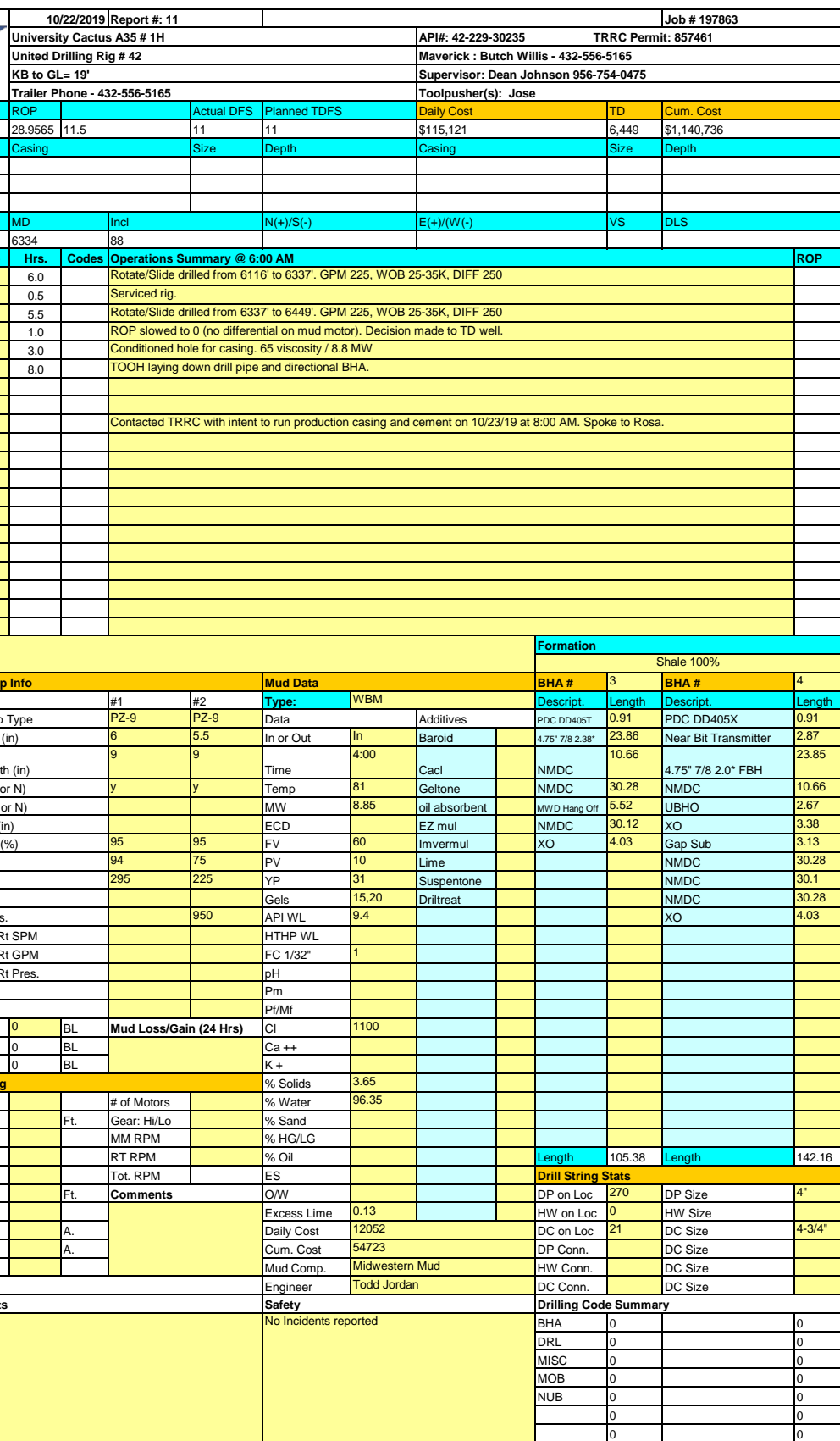

		10/19/2019 Report #: 8		Job # 197863	
		University Cactus A35 # 1H		API#: 42-229-30235 TRRC Permit: 857461	
		United Drilling Rig # 42		Maverick : Butch Willis - 432-556-5165	
		KB to GL= 19'		Supervisor: Dean Johnson 956-754-0475	
Trailer Phone - 432-556-5165		Toolpusher(s): Jose			
6:00 AM MD	TVD	Daily Ftg.	ROP	Actual DFS	Planned TDFS
5,642	5,528	61	20.3333	3	8
Casing	Size	Depth	Casing	Size	Depth
Surface	13-3/8"	409			
Intermediate	9-5/8"	2,433			
Production	7"	6,755			
Directional	MD	Incl.	MD	Incl	N(+)/S(-)
Last Survey	5,612	31.4	5523	28	E(+)/W(-)
From Depth	To Depth	From Time	To Time	Hrs.	Codes
5580	5581	6:00	7:30	1.5	
		7:30	11:30	4.0	
		11:30	12:00	0.5	
		12:00	16:00	4.0	
		16:00	1:30	9.5	
		1:30	3:00	1.5	
5581	5642	3:00	6:00	3.0	
Operations Summary @ 6:00 AM Slide drilled from 5580' to 5581'. GPM 200, WOB 15-20K, DIFF 300 TOOH due to build rates. Broke bit and layed down 2.0" mud motor. Picked up 4-3/4" 2.38" mud motor and reran bit. Serviced rig. TIH to 5550' with directional BHA. Broke circulation, losing mud, TOOH to casing shoe, built 60 bbl 15 ppb LCM pill, TIH, spotted LCM pill on bottom, TOOH, built 60 bbl 15 ppb LCM pill, TIH, spotted LCM pill on bottom, TOOH to casing shoe, built 60 bbl 15 ppb LCM pill and filled pits/premix with mud. Reduced MW tp 8.6 ppg. TIH with directional BHA and reamed down last 60' to bottom. Slide drilled from 5581' to 5642'. GPM 200, WOB 15-20K, DIFF 300					
Planned Activity Next 24 Hrs. Drill Curve Bit & Hydraulic Record Mud Pump Info Mud Data Formation Shale 55%/Siltstone 25%/LS 30%					
Bit #	1	2	Pump #	#1	#2
Bit Size	6.125	6.125	Mud Pump Type	PZ-9	PZ-9
Type	Tri Cone	PDC	Liner Size (in)	6	5.5
Make	Baker Hug	Baker Hug	Strk. Length (in)	9	9
Ser. #	5269914	5294989	Triplex (Y or N)	y	y
Jet #1	18	5 x 16	Duplex (Y or N)		
Jet #2	18		Rod Size (in)		
Jet #3	18		Efficiency (%)	95	95
Jet #4			SPM	94	75
PDC/TFA			GPM	295	200
IADC Code			BPM		
MD IN		5156	Pump Pres.		900
MD OUT			Slw Pmp Rt SPM		
Tot. Ftg.			Slw Pmp Rt GPM		
ROP		25	Slw Pmp Rt Pres.		
WOB		10	Circ. Time		
RPM			Btms. Vol		
Tot. Hrs.			Pit Vol.	0	BL
Cost		6500	Hole Vol.	0	BL
Inner Row			Tot. Vol.	0	BL
Outer Row			Drill String		
Dull Cond.			Hookload		# of Motors
Location			@ Depth		Ft.
Bearings			Rot. Wt.		MM RPM
Gage			P/U Wt.		RT RPM
Other			Down Wt.		Tot. RPM
Pull Reason			Torque @		Ft.
\$/Ft			Drag		
Pump			Off Btm.		A.
GPM	250		On Btm.		A.
Pump Pres.					
DC AV					
DP AV					
MW					
MM ByP (%)					
Jet Vel.					
Bit HHP					
BHHP/in2					
PD @ Bit					
Hyd Opt.					







			10/23/2019 Report #: 12		Job # 197863			
			University Cactus A35 # 1H				API#: 42-229-30235 TRRC Permit: 857461	
			United Drilling Rig # 42				Maverick : Butch Willis - 432-556-5165	
			KB to GL= 19'				Supervisor: Dean Johnson 956-754-0475	
			Trailer Phone - 432-556-5165		Toolpusher(s): Jose			
6:00 AM MD	TVD	Daily Ftg.	ROP	Actual DFS	Planned TDFS	Daily Cost		
6,449	5,750		#DIV/0!	12	11	\$292,629		
Casing	Size	Depth	Casing	Size	Depth	Casing		
Surface	13-3/8"	409	Production	4-1/2"	6410'			
Intermediate	9-5/8"	2,433						
Production	7"	6,755						
Directional	MD	Incl.	MD	Incl.	N(+)/S(-)	E(+)/W(-)		
Last Survey	6,365	88.31	6334	88				
From Depth	To Depth	From Time	To Time	Hrs.	Codes	Operations Summary @ 6:00 AM		
		6:00	8:00	2.0		Cont laying down drill pipe and directional tools. Found PDC, PDT gamma/inclination bit sub and bit box were left in hole.		
		8:00	10:00	2.0		Serviced rig. Broke kelly and laid out.		
		10:00	21:00	11.0		Rigged up casing crew and ran 4-1/2" 11.6# P110 Std Ultra FJ from 6410' to 4273', 4-1/2" 11.6 P110 LTC from 4272' to surface. Float/latch collar at 6361', float shoe at 6410'.		
		21:00	22:00	1.0		Circulated to condition hole while rigging down casing crew and rigging up cementers.		
		22:00	0:00	2.0		Pumped 20 bbls chemical wash spacer, 10 bbls fresh water, 240 sxs 14.2 ppg 1.34 yield 6.087 g/sx 50/50 Poz/C+5%PF44(BWOW)(Salt)+2%PF20 (bentonite gel)+0.2%PF17 (fluid loss)+0.2%PF606 fluid loss)+0.2 PF65 (dispersant)+0.2%PF13 (retarder)+0.4#/skPF45(defoamer), dropped 1000 psi burst plug, pumped 5 bbls sugar water, dropped 3000 psi burst plug, pumped 5 bbls of sugar water followed by 94 bbls of fresh water, 1000 psi burst disk ruptured, seated 3000 psi burst plug with 500 psi over (total displacement 99 bbls) at 23:15 hours. Bled back 1/2 bbl. Rigged down cementers. Estimated TOC 4150'. Had returns during the entire cement job.		
		0:00	6:00	6.0		Nipped down BOP, set C21 slips with 50k and installed tubing head 11"3k x 7-1/16" 5k. Jetted steel pits.		
						Released rig at 6 am		
						Contacted TRRC with intent to run production casing and cement on 10/23/19 at 8:00 AM. Spoke to Rosa.		
Planned Activity Next 24 Hrs.								
Rig down rig								
Bit & Hydraulic Record			Mud Pump Info			Mud Data		
Bit #	3	2	Pump #	#1	#2	Type: WBM		
Bit Size	6.125	6.125	Mud Pump Type	PZ-9	PZ-9	Data		
Type	Tri Cone	PDC	Liner Size (in)	6	5.5	In or Out		
Make	BakerHug DD406X	Baker Hug DD405TT	Strk. Length (in)	9	9	4:00		
Ser. #	5278625	5294989	Triplex (Y or N)	y	y	Temp		
Jet #1	5 x 16	5 x 16	Duplex (Y or N)			MW		
Jet #2			Rod Size (in)			ECD		
Jet #3			Efficiency (%)	95	95	FV		
Jet #4			SPM	94	75	PV		
PDC/TFA			GPM	295	225	YP		
IADC Code			BPM			Gels		
MD IN	6079	5156	Pump Pres.		450	API WL		
MD OUT	6449	6079	Slw Pmp Rt SPM			HTHP WL		
Tot. Ftg.	370	923	Slw Pmp Rt GPM			FC 1/32"		
ROP	20	25	Slw Pmp Rt Pres.			pH		
WOB	25	10	Circ. Time			Pm		
RPM			Btms. Up			Pf/Mf		
Tot. Hrs.			Pit Vol.	0	BL	Mud Loss/Gain (24 Hrs)		
Cost	6500	6500	Hole Vol.	0	BL	Ca ++		
Inner Row			Tot. Vol.	0	BL	K +		
Outer Row			Drill String			% Solids		
Dull Cond.			Hookload			% Water		
Location			@ Depth			% Sand		
Bearings			Rot. Wt.			% HG/LG		
Gage			P/U Wt.			% Oil		
Other			Down Wt.			ES		
Pull Reason			Torque @			Comments		
\$/Ft			Drag			Excess Lime		
Pump			Off Btm.	A.		Daily Cost		
GPM	250		On Btm.	A.		Cum. Cost		
Pump Pres.						Mud Comp.		
DC AV						Engineer		
DP AV			Comments			Safety		
MW						No Incidents reported		
MM ByP (%)						BHA		
Jet Vel.						DRL		
Bit HHP						MISC		
BHHP/in2						MOB		
PD @ Bit						NUB		
Hyd Opt.								
Formation								
Shale 100%								
BHA #		3	BHA #		4			
Descript.	Length	Descript.	Length	Descript.	Length			
PDC DD405T	0.91	PDC DD405X	0.91					
4.75" 7/8 2.38"	23.86	Near Bit Transmitter	2.87					
	10.66		4.75" 7/8 2.0" FBH		23.85			
	30.28		NMDC		10.66			
	30.12		XO		3.38			
	4.03		Gap Sub		3.13			
			NMDC		30.28			
			NMDC		30.1			
			NMDC		30.28			
			XO		4.03			
Drill String Stats								
DP on Loc	270	DP Size	4"					
HW on Loc	0	HW Size						
DC on Loc	21	DC Size	4-3/4"					
DP Conn.		DC Size						
HW Conn.		DC Size						
DC Conn.		DC Size						
Drilling Code Summary								
BHA	0		0					
DRL	0		0					
MISC	0		0					
MOB	0		0					
NUB	0		0					
	0		0					
	0		0					