



NABORS

Motor Run Report #1

General Information:		In the Event of an Incident:	
Job #:	B0180	Date of Incident:	
Customer:	Nemo Fund 1,LLC	Date Notified Office:	
Location:	Lea, NM	Person Notified:	
Lease:	Tatum NM		
Well Name & Number:	Larry 18 SA # 1-03H		
Rig Name & Number:	Capstar 133	Incident Comments:	
Directional Driller ('s):	Bryan Mills		
	Alex Castillo		
Motor Information:			
Motor Serial #:	RY800023		
Motor Size (OD):	8"		
Motor Company:	Nabors		
Motor Stabilizer Size:	11 3/4"		
Degree Bent Housing:	1.50°		
Rotor / Stator Conf.:	7/8 4.0		
Depth In:	40		
Depth Out:	2305		
Footage:	2265		
Drilg Hours:	18.5		
Circulating Hours:	5.4		
Total Hours:	23.9		
Hours Below Rotary Table (LIH):	34:48:00		
Motor Yield:	N/A		
Start of Run: Date		January 28, 2017	
GPM'S:	400	Bit Information:	
Standpipe Press / Off Bottom:	300	Bit Size:	12 1/4"
Standpipe Press / On Bottom:	500	Bit Type:	U616S
Weight on Bit Avg :	10	Bit Manufacture:	Ultera
End Of Run: Date		Serial #:	25128
GPM'S:	450	Jets / TFA:	6x14
Standpipe Press / Off Bottom:	1000	Mud Information End of Run:	
Standpipe Press / On Bottom:	1400	Mud Type:	WBM
Weight on Bit Avg :	25	Mud Weight:	8.6
		Viscosity:	30
		Plastic Vis:	1
		Yield Point:	1
		Sand %:	0
		Solids %:	2.2
		LCM (yes or no):	No
		% LCM per/BBL:	N/A
		Static Temp:	
		Circulating Temp:	74
		OBM Aniline Point:	

Comments

This motor done great. We did not have to slide any.



NABORS

Motor Run Report #2

General Information:		In the Event of an Incident:	
Job #:	B0180	Date of Incident:	2/1/2017
Customer:	Nemo Fund 1,LLC	Date Notified Office:	2/1/2017
Location:	Lea, NM	Person Notified:	Roger Dubose
Lease:	Tatum NM		Richard Wright
Well Name & Number:	Larry 18 SA # 1-03H		Chuck Nunnlee
Rig Name & Number:	Capstar 133	Incident Comments:	
Directional Driller ('s):	Bryan Mills	See incident report # 1	
	Alex Castillo		
Motor Information:		Bit Information:	
Motor Serial #:	RY650655	Bit Size:	8 3/4"
Motor Size (OD):	6 3/4"	Bit Type:	U616M
Motor Company:	Nabors	Bit Manufacture:	Ulterra
Motor Stabilizer Size:	True Slick	Serial #:	33104
Degree Bent Housing:	2.12°	Jets / TFA:	6x16
Rotor / Stator Conf.:	6/7 5.0		1.178
Depth In:	2305	Mud Information End of Run:	
Depth Out:	4613	Mud Type:	Brine
Footage:	2308	Mud Weight:	9.8
Drilg Hours:	30.8	Viscosity:	28
Circulating Hours:	5.1	Plastic Vis:	1
Total Hours:	35.9	Yield Point:	1
Hours Below Rotary Table (LIH):	1051:12:00	Sand %:	0
Motor Yield:	7	Solids %:	10.7
Start of Run: Date		LCM (yes or no):	No
January 30, 2017		% LCM per/BBL:	N/A
GPM'S:	450	Static Temp:	
Standpipe Press / Off Bottom:	1100	Circulating Temp:	
Standpipe Press / On Bottom:	1500	OBM Aniline Point:	
Weight on Bit Avg :	15		
End Of Run: Date			
February 1, 2017			
GPM'S:	450		
Standpipe Press / Off Bottom:	1300		
Standpipe Press / On Bottom:	1500		
Weight on Bit Avg :	20		

Comments

Motor performed great while drilling the vertical section. Once we started drilling the curve we were unable to achieve build rates.



NABORS

Motor Run Report #3

General Information:		In the Event of an Incident:		
Job #:	B0180	Date of Incident:		
Customer:	Nemo Fund 1,LLC	Date Notified Office:		
Location:	Lea, NM	Person Notified:		
Lease:	Tatum NM			
Well Name & Number:	Larry 18 SA # 1-03H			
Rig Name & Number:	Capstar 133	Incident Comments:		
Directional Driller ('s):	Bryan Mills			
	Alex Castillo			
Motor Information:		Bit Information:		
Motor Serial #:	RY700025	Bit Size:	8 3/4"	
Motor Size (OD):	6 3/4"	Bit Type:	U616M	
Motor Company:	Nabors	Bit Manufacture:	Ultrerra	
Motor Stabilizer Size:	True Slick	Serial #:	33104	
Degree Bent Housing:	2.38°	Jets / TFA:	6x16	
Rotor / Stator Conf.:	6/7 5.0		1.178	
Depth In:	4613	Mud Information End of Run:		
Depth Out:	5911	Mud Type:	Brine	
Footage:	1298	Mud Weight:	9.8	
Drilg Hours:	48.5	Viscosity:	28	
Circulating Hours:	5.4	Plastic Vis:	1	
Total Hours:	53.9	Yield Point:	1	
Hours Below Rotary Table (LIH):	65.62	Sand %:	0	
Motor Yield:	15	Solids %:	10.7	
Start of Run: Date		February 1, 2017	LCM (yes or no):	No
GPM'S:	450	% LCM per/BBL:	N/A	
Standpipe Press / Off Bottom:	1300	Static Temp:		
Standpipe Press / On Bottom:	1500	Circulating Temp:		
Weight on Bit Avg :	20	OBM Aniline Point:		
End Of Run: Date		February 4, 2017		
GPM'S:	450			
Standpipe Press / Off Bottom:	1600			
Standpipe Press / On Bottom:	1900			
Weight on Bit Avg :	30			

Comments

Motor performed as expected. Provided more than the theoretical Mys. No erratic torque, ROP, or pressure.



NABORS

Motor Run Report #4

General Information:		In the Event of an Incident:	
Job #:	B0180	Date of Incident:	
Customer:	Nemo Fund 1,LLC	Date Notified Office:	
Location:	Lea, NM	Person Notified:	
Lease:	Tatum NM		
Well Name & Number:	Larry 18 SA # 1-03H		
Rig Name & Number:	Capstar 133	Incident Comments:	
Directional Driller ('s):	Bryan Mills		
	Alex Castillo		
Motor Information:			
Motor Serial #:	RY675111		
Motor Size (OD):	6 3/4"		
Motor Company:	Nabors		
Motor Stabilizer Size:	True Slick		
Degree Bent Housing:	1.83		
Rotor / Stator Conf.:	6/7 5.0		
Depth In:	5911		
Depth Out:	9950		
Footage:	4039		
Drilg Hours:	82.6		
Circulating Hours:	17.9		
Total Hours:	100.5		
Hours Below Rotary Table (LIH):	93.18		
Motor Yield:	11		
Start of Run: Date		February 4, 2017	
GPM'S:	450		
Standpipe Press / Off Bottom:	1600		
Standpipe Press / On Bottom:	2050		
Weight on Bit Avg :	25		
End Of Run: Date		February 8, 2017	
GPM'S:	450		
Standpipe Press / Off Bottom:	2200		
Standpipe Press / On Bottom:	2650		
Weight on Bit Avg :	27		
		Bit Information:	
		Bit Size:	8 3/4"
		Bit Type:	U616M
		Bit Manufacture:	Ultrerra
		Serial #:	34222
		Jets / TFA:	6x20 (1.840)
		Mud Information End of Run:	
		Mud Type:	Brine
		Mud Weight:	9.8
		Viscosity:	28
		Plastic Vis:	1
		Yield Point:	1
		Sand %:	0
		Solids %:	10.7
		LCM (yes or no):	No
		% LCM per/BBL:	N/A
		Static Temp:	
		Circulating Temp:	
		OBM Aniline Point:	
Comments			
motor did fine , drilled lateral in one run. Averaged 11s for mo.			