



DAILY DRILLING REPORT

RPT DATE: 2/4/2022

RPT NUM.: 2

RIG:

WELL/JOB INFORMATION

WELL NAME: UL PAHASKA 21-6 S007H

FIELD:

AFE #: 22DC006

CONTRACTOR:

SPUD DATE:

MD/TVD: 65 FT/65 FT

PRESENT OPERATIONS: NIPPLE UP CONDUCTOR

ACTIVITY PLANNED: PICK UP BHA, DRILL 12 1/4" SURFACE SECTION

JOB:

LEASE: UL PAHASKA 21-6

API #: 42-495-34657

ELEVATION:

DFS:

24 HR FTG: 65

RIG SUPERV: JOSH GILMORE / JAMES VAN TASSEL

RIG PHONE:

EMAIL: SCANVISION@PERCUSSIONPETROLEUM

RKB:

DOL: 78

HRS DRLG:

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
2/4/2022	2/5/2022	None	WALKING RIG

RR FROM CATENA RSOURCES 0600 HRS 01/27/2022

123 MILE RIG MOVE – 133.5 HOURS (5.6 DAYS)

SPUD UL PAHASKA 21-6 A006H @ 19:30 HRS ON 2/1/2022

RELEASE FROM PAHASKA 21-6 A006H SURFACE @ 20:30 HRS, 2/4/2022

00:00-06:00 FINISH NIPPLE UP CONDUCTOR, SET & TEST HEAD ON THE A006H, TORQUE TEST IRON ROUGHNECK & TOP DRIVE. LATCH UP DIRECTIONAL TOOLS & C/O BIT, TAGGED UP 65' IN WITH BHA. MAKE UP KELLY JOINT & WASH DOWN TO 115'. RACK BACK DRILL PIPE & FINISH PICKING UP DIRECTIONAL TOOLS.

LAST B.O.P TEST:

NO ACCIDENT, INCIDENTS OR SPILLS

DOWNTIME 0.0 HRS (HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$147,717	CUM DRILL COST:	\$210,233	CUM MUD COST:	CUM WELL COST:	\$210,233
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
								0						

BIT NO.	INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	BOMCO	BOM 1600	5.500	12.000				3.52	95					
2	BOMCO	BOM 1600	5.500	12.000				.352	95					
3	BOMCO	BOM 1600	5.500	12.000				.352	95					

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH

DESCRIPTION:

LENGTH:

ROT. WT.:

BHA WT. AIR:

P.U. WT.:

BHA WT. MUD:

S.O. WT.:

HRS. ON JARS:

TORQUE:

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed	10,470		10,470
Diesel - Mud	11,040		11,040

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
2/4/2022	9:00	SPUD, CSG, CEMENT	T. BAYCROFT / MARVIN NTRC		MARY	JOB # 288310

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
PERCUSSION	DRILL SITE SUPERVISORS	2	6	6
PERCUSSION	DRILLING SUPERINTENDANT	1		
SCAN DRILLING	TOOLPUSHER, 2 FIVE MAN CREWS	11	18	18
ALTITUDE	DIRECTIONAL	4	6	6
BASIN	MUD ENGINEER	1	3	3



DAILY DRILLING REPORT

RPT DATE: 2/5/2022

RPT NUM.: 3

RIG:

WELL/JOB INFORMATION

WELL NAME: UL PAHASKA 21-6 S007H

JOB:

RIG SUPERV: JOSH GILMORE / JAMES VAN TASSEL

FIELD:

LEASE: UL PAHASKA 21-6

RIG PHONE:

AFE #: 22DC006

API #: 42-495-34657

EMAIL: SCANVISION@PERCUSSIONPETROLEUM

CONTRACTOR:

ELEVATION: 2836

RKB: 24.5

SPUD DATE: 2/5/2022

DFS: 0.6

DOL: 79

MD/TVD: 2095 FT/2073 FT

24 HR FTG: 2030

HRS DRLG: 11.5

PRESENT OPERATIONS: DRILLING 12 1/4" SURFACE HOLE

ACTIVITY PLANNED: DRILL AHEAD 12 1/4" SURFACE

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
2/5/2022	2/6/2022	None	DRILLING OUT OF DERRICK, SPCC

RR FROM CATENA 830000000 HRS 01/21/2022

123 MILE RIG MOVE - 133.5 HOURS (5.6 DAYS)

SPUD UL PAHASKA 21-6 A006H @ 19:30 HRS ON 2/1/2022

RELEASE FROM PAHASKA 21-6 A006H SURFACE @ 20:30 HRS, 2/4/2022

SPUD UL PAHASKA 21-6 S007H @ 10:30 HRS ON 2/5/2022

00:00-06:00 ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 2,095' T/ 3,236' (1141' @ 190 FPH) WOB: 55K, GPM: 900, PPSI: 4300, DIFF: 1200, RPM: 60, TORQUE: 25K FT/LBS, OFF: 7K FT/LBS, CIRCULATING OPEN LOOP MW IN: 10.4 / OUT: 10.4 PPG

SLIDES:

2266' - 2283' // GTF - 180

2451' - 2475' // GTF - 160R

2554' - 2575' // GTF - 160R

2640' - 2667' // GTF - 180

2921' - 2941' // GTF - 180

LAST B.O.P TEST:

NO ACCIDENT, INCIDENTS OR SPILLS

DOWNTIME 0.0 HRS (HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$82,803	CUM DRILL COST:	\$361,007	CUM MUD COST:	\$61,332	CUM WELL COST:	\$361,007
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
17:00	9.3	30.0	100.0	9.2	1	1	1	1	3	35,000		0.20	0.30		2.27	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
1	12.25	NOV	TKC56	A269343	8x13	1.040	N	115	2,095	1,980	12.5	55	144	158.4

BIT NO.	INNER:	OUTER:	DULL:	LOC:	SEAL:	GAUGE:	OTHER:	RP:
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PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	BOMCO	BOM 1600	5.500	12.000	85	4300	300	3.52	95	10.9	176	256	339	1702
2	BOMCO	BOM 1600	5.500	12.000	85	4300	300	.352	95	10.9	176	256	339	1702
3	BOMCO	BOM 1600	5.500	12.000	85	4300	300	.352	95	10.9	176	256	339	1702

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-12 1/4 NOV TKC56	12.25		1.5	7	Monel Collar-8in NMDC	8	3.562	29.21
2	Motor-8 1/4in Black diamond 7/8,7.0 AD	8.25		37.77	8	Drill Collar-(1 Stand) 8in Drill Collars	8	2.875	89.42
3	Stabilizer-12in Steel 3 Blade Nortrac Stabi	8.25	2.875	7.98	9	X-Over-Crossover Sub	6.438	2.875	2.79
4	Sub-8in High Flow Shock Miser	8	3.625	2.54	10	Drill Collar-(5 Stands) 6 1/2 Drill Collars	6.5	2.5	440.88
5	Monel Collar-8in NMDC	8	3.75	29.27	11	X-Over-Crossover Sub	6.5	2.625	2.9
6	Stabilizer-12in NM IBS Stabilizer	8	3.25	7.46					

DESCRIPTION: SURFACE BHA #1

LENGTH: 651.72

BHA WT. AIR:

BHA WT. MUD:

HRS. ON JARS:

ROT. WT.: 145,000

P.U. WT.: 160,000

S.O. WT.: 130,000

TORQUE: 25,000

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
1,431	9.27	99.62	1,419	-14.0	126.9		-49.0	1.0
1,525	9.10	98.71	1,512	-16.3	141.7		-55.4	0.2
1,619	9.55	97.87	1,605	-18.5	156.8		-61.7	0.5
1,714	10.39	96.64	1,699	-20.6	173.1		-68.3	0.9
1,809	10.17	99.70	1,792	-23.0	189.9		-75.3	0.6
1,903	10.80	100.03	1,885	-25.9	206.7		-82.9	0.7
1,998	10.55	101.19	1,978	-29.2	224.0		-90.8	0.4
2,093	9.79	101.08	2,071	-32.4	240.5		-98.5	0.8

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		2,870	7,600
Diesel - Mud	7,304		18,344

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
2/4/2022	9:00	SPUD, CSG, CEMENT	T. BAYCROFT / MARVIN NTRC		MARY	JOB # 288310

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
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PERCUSSION	DRILL SITE SUPERVISORS	2	24	30	
PERCUSSION	DRILLING SUPERINTENDANT	1			
SCAN DRILLING	TOOLPUSHER, 2 FIVE MAN CREWS	11	132	150	
ALTITUDE	DIRECTIONAL	4	24	30	
BASIN	MUD ENGINEER	1	24	27	
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TIME BREAKDOWN						
FROM	TO	HRS	PHASE	CODE	NPT	OPERATIONS
00:00	02:00	2.0	RIG MOVE IN	NIPPLE UP B.O.P.		FINISH NIPPLE UP CONDUCTOR. INSTALL, TEST & CAP WELLHEAD ON THE A006H.
02:00	02:30	0.5	RIG MOVE IN	OTHER		TORQUE TEST IRON ROUGHNECK & TOP DRIVE WITH MAVERICK. BOTH TESTS CAME OUT GOOD.
02:30	03:00	0.5	RIG MOVE IN	OTHER		CLEAR & PREP FLOOR TO PICK UP BHA.
03:00	06:00	3.0				P/U BHA #1 (12.25" NOV TKC56) 8.25" BLACK DIAMOND MUD MOTOR ADJ. SET AT 1.83", 7/8, 7.0 STG, 0.166 REV/GAL MAX TRQ 24130, MAX DIFF 1580, FLOW RANGE 400-1000, W/ 12" STABILIZER, 12" NORTRAC BLADFE STAB, 8" HIGH FLOW SHOCK MISER, 8"NMDC, TAGGED UP 65' IN ON BHA. LAID DOWN 1ST MONEL AND STABILIZER, MAKE UP KELLY JOINT & USE STAND FROM DERRICK TO WASH TO BOTTOM OF CONDUCTOR @ 115'. RACK BACK DRILL PIPE, P/U MONEL AND INSTALL MWD TOOL, M/U STAB & TOP MONEL, SURFACE TEST MWD - UNSUCCESSFUL
			RIG MOVE IN	DIR WORK		
06:00	10:30	4.5				TROUBLESHOOT MWD, CHECK PUMPS, CHANGE OUT TRANSDUCER, RETRIEVE MWD TOOL & INSPECT UBHO, MAKE UP NEW MWD TOOL & INSTALL INTO BHA, SURFACE TEST MWD WITH SUCCESS.
			RIG MOVE IN	DIR WORK	EQUIPMENT FAILURE (NON RIG)	
10:30	12:00	1.5				ROTATE 12 1/4" SURFACE HOLE F/ 115' T/ 405' (290' @ 193 FPH) WOB: 10-15K, GPM: 700, PPSI: 900, DIFF: 150, RPM: 40, TORQUE: 8-10K FT/LBS, OFF: 2K FT/LBS, CIRCULATING CLOSED LOOP MW IN: 8.5 / OUT: 8.5 PPG
			SURFACE DRILLING	DRILLING		
12:00	13:00	1.0	SURFACE DRILLING	TRIPS		TOOH TO REPLACE DRILL PIPE WITH 5 STANDS DC'S. (3 STANDS OF DC'S DO NOT HAVE DRILL SUBS)
13:00	16:00	3.0				ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 405' T/ 688' (283' @ 94 FPH) WOB: 60K, GPM: 750, PPSI: 2150, DIFF: 500, RPM: 40, TORQUE: 12-14K FT/LBS, OFF: 3K FT/LBS, CIRCULATING CLOSED MW IN: 8.5 / OUT: 8.5 PPG SLIDES: 405' - 417' // MTF - 30 473' - 499' // MTF - 30 648' - 668' // MTF - 120
			SURFACE DRILLING	DRILLING		
16:00	16:30	0.5	SURFACE DRILLING	RIG SERVICE		RIG SERVICE
16:30	17:00	0.5				RETRIEVE TRIP NIPPLE & INSTALL ROTATING HEAD ELEMENT.
			SURFACE DRILLING	OTHER		



DAILY DRILLING REPORT

RPT DATE: 2/6/2022

RPT NUM.: 4

RIG:

WELL/JOB INFORMATION

WELL NAME: UL PAHASKA 21-6 S007H

JOB:

RIG SUPERV: JOSH GILMORE / JAMES VAN TASSEL

FIELD:

LEASE: UL PAHASKA 21-6

RIG PHONE:

AFE #: 22DC006

API #: 42-495-34657

EMAIL: SCANVISION@PERCUSSIONPETROLEUM

CONTRACTOR:

ELEVATION: 2836

RKB: 24.5

SPUD DATE: 2/5/2022

DFS: 1.6

DOL: 80

MD/TVD: 4249 FT/4198 FT

24 HR FTG: 2154

HRS DRLG: 13

PRESENT OPERATIONS: TIH WITH SURFACE BHA #2

ACTIVITY PLANNED: DRILL SURFACE TO TD, CHC, TOOH, RUN & CMT SURFACE CSG

COMMENTS

Last Safety Meeting Date	Next Safety Meeting Date	Accident Type	Safety Meeting Topic
2/6/2022	2/7/2022	None	MAKING CONNECTIONS, HANDLING TUBULARS & PINCH POINTS

RR FROM CATENA RSOUCES 0600 HRS 01/27/2022

123 MILE RIG MOVE – 133.5 HOURS (5.6 DAYS)

SPUD UL PAHASKA 21-6 A006H @ 19:30 HRS ON 2/1/2022

RELEASE FROM PAHASKA 21-6 A006H SURFACE @ 20:30 HRS, 2/4/2022

SPUD UL PAHASKA 21-6 S007H @ 10:30 HRS ON 2/5/2022

00:00-00:30 WASH TO BOTTOM F/ 4,139' T/ 4,249' GPM: 843, PPSI: 3400, DIFF: 50, RPM: 40, TORQUE: 5K FT/LBS

00:30-02:00 ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 4,249' T/ 4,333' (84' @ 56 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 1000-1200, RPM: 60, TORQUE: 23-25K FT/LBS, OFF: 5K FT/LBS, CIRCULATING CLOSED LOOP

MW IN: 10.3 / OUT: 10.4 PPG

SLIDE: 4,255' - 4,272' // GTF - 90R

02:00-03:00 CHANGE OUT ROTATING HEAD BOWL GASKET

03:00-06:00 ROTATE 12 1/4" SURFACE HOLE F/ 4,333' T/ 4,680' (347' @ 115 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 1000-1200, RPM: 60, TORQUE: 23-25K FT/LBS, OFF: 5K FT/LBS, CIRCULATING CLOSED LOOP MW IN:

10.4 / OUT: 10.4 PPG

LAST B.O.P TEST:

NO ACCIDENT, INCIDENTS OR SPILLS

DOWNTIME 0.0 HRS (0 HRS TOTAL)

NON-PRODUCTIVE TIME, 11 HRS (15.5 HRS TOTAL)

COST DATA

DRILLING AFE AMT:	DAILY DRILL COST:	\$48,614	CUM DRILL COST:	\$428,771	CUM MUD COST:	\$63,542	CUM WELL COST:	\$428,771
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BOP

LAST BOP TEST:	LAST BOP DRILL:	NEXT BOP TEST:
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CASING

CASING TYPE	OD	WEIGHT	GRADE	MD	TVD

MUD

TIME	MW	FV	WL	PH	CAKE	GELS (10s/10m/30m)	PV	YP	CL	K	Pf	Mf	Ca	OIL	LGS	HTHP
17:00	10.4	30.0	100.0	9.3	1	1	1	1	3	190,000	0.10	0.10			1.10	

DRILL BITS

NO.	SIZE	MANUFACTURER	TYPE	SER NO.	JETS	TFA	RE-RUN	IN	OUT	FEET	HRS	WOB	RPM	ROP
2	12.25	NOV	TKC66	A269343	1x14, 7x13	1.058	Y	4,249	4,249					
1	12.25	NOV	TKC56	A282230	8x13	1.040	N	2,095	4,249	2,154	13.0	60	144	165.7

BIT NO. 1 INNER: 4 OUTER: 4 DULL: BT LOC: A SEAL: X GAUGE: 0 OTHER: PN RP: MOTOR FAIL

PUMPS

PUMP	MAKE	MODEL	LINER	STK	SPM	PSI	GPM	GPS	EFF %	ECD	AV DP	AV DC	BIT HHP	PUMP HHP
1	BOMCO	BOM 1600	5.500	12.000	83	4500	293	3.52	95	10.75	172	250	375	1702
2	BOMCO	BOM 1600	5.500	12.000	83	4500	293	.352	95	10.75	172	250	375	1702
3	BOMCO	BOM 1600	5.500	12.000	83	4500	293	3.52	95	10.75	172	250	375	1702

BHA

#	COMPONENT	OD	ID	LENGTH	#	COMPONENT	OD	ID	LENGTH
1	Drill Bit-12 1/4 NOV TKC56	12.25		1.5	7	Monel Collar-8in NMDC	8	3.562	29.21
2	Motor-8 1/4in Black diamond 7/8, 4.0 AC	8.25		29.54	8	Drill Collar-(1 Stand) 8in Drill Collars	8	2.875	89.42
3	Stabilizer-12in Steel 3 Blade Nortrac Stabi	8.25	2.875	7.98	9	X-Over-Crossover Sub	6.438	2.875	2.79
4	Sub-8in High Flow Shock Miser	8	3.625	2.54	10	Drill Collar-(5 Stands) 6 1/2 Drill Collars	6.5	2.5	440.88
5	Monel Collar-8in NMDC	8	3.75	29.27	11	X-Over-Crossover Sub	6.5	2.625	2.9
6	Stabilizer-12in NM IBS Stabilizer	8	3.25	7.46					

DESCRIPTION: SURFACE BHA #2

LENGTH: 643.49

BHA WT. AIR:

BHA WT. MUD:

HRS. ON JARS:

ROT. WT.: 170,000

P.U. WT.: 200,000

S.O. WT.: 150,000

TORQUE: 25,000

SURVEY DATA

MD	INCLINATION	AZIMUTH	TVD	N/S	COORDINATES	E/W	V. SECTION	DLS
3,700	8.91	96.81	3,655	-68.2	510.1	-208.4	0.4	
3,795	8.87	93.78	3,749	-69.5	524.7	-213.8	0.5	
3,890	9.28	92.59	3,843	-70.4	539.7	-218.8	0.5	
3,984	9.61	92.38	3,935	-71.0	555.1	-223.8	0.4	
4,079	9.60	91.58	4,029	-71.6	570.9	-228.8	0.1	
4,173	9.18	89.97	4,122	-71.8	586.3	-233.3	0.5	
4,270	9.43	100.86	4,217	-73.3	601.8	-239.0	1.8	
4,365	9.61	102.05	4,311	-76.4	617.2	-246.4	0.3	

CONSUMABLES

CONSUMABLE	DAILY RECEIVED (gal)	DAILY USED (gal)	DAILY ON HAND (gal)
Fuel - Dyed		1,744	5,856
Diesel - Mud			18,344

NOTIFICATIONS

Date	Time	Type	Engineer / Supervisor	Agency	Agency Contact	Comments
2/4/2022	9:00	SPUD, CSG, CEMENT	T. BAYCROFT / MARVIN NTRC		MARY	JOB # 288310

PERSONNEL

Company	Job Function	Total Personnel	Total Daily Hours	Cumulative Hours
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PERCUSSION	DRILL SITE SUPERVISORS	2	24	54	
PERCUSSION	DRILLING SUPERINTENDANT	1	2	2	
SCAN DRILLING	TOOLPUSHER, 2 FIVE MAN CREWS	11	132	282	
ALTITUDE	DIRECTIONAL	4	24	54	
BASIN	MUD ENGINEER	1	24	51	
www.wellez.comWellEz On Demandver_01.05.2022 TW					

FROM	TO	HRS	PHASE	CODE	NPT	OPERATIONS
00:00	03:00	3.0				ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 2,095' T/ 2,667' (572' @ 191 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 1000-1200, RPM: 60, TORQUE: 23-25K FT/LBS, OFF: 5K FT/LBS, CIRCULATING CLOSED LOOP MW IN: 10.3 / OUT: 10.4 PPG SLIDES: 2,266' - 2,283' // GTF - 180 2,451' - 2,475' // GTF - 160R 2,554' - 2,575' // GTF - 160R 2,640' - 2,667' // GTF - 180
			SURFACE DRILLING	DRILLING		
03:00	06:00	3.0				ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 2,667' T/ 3,265' (598' @ 199 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 1000-1200, RPM: 60, TORQUE: 23-25K FT/LBS, OFF: 5K FT/LBS, CIRCULATING CLOSED LOOP MW IN: 10.3 / OUT: 10.4 PPG SLIDES: 2,921' - 2,941' // GTF - 180 3,246' - 3,265' // GTF - 140R
			SURFACE DRILLING	DRILLING		
06:00	09:00	3.0				ROTATE & SLIDE 12 1/4" SURFACE HOLE F/ 3,265' T/ 3,601' (336' @ 112 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 1000-1200, RPM: 60, TORQUE: 23-25K FT/LBS, OFF: 5K FT/LBS, CIRCULATING CLOSED LOOP MW IN: 10.3 / OUT: 10.4 PPG SLIDES: 3,300' - 3,417' // GTF - 160R
			SURFACE DRILLING	DRILLING		
09:00	13:00	4.0				ROTATE 12 1/4" SURFACE HOLE F/ 3,601' T/ 4,249' (648' @ 162 FPH) WOB: 55-60K, GPM: 900, PPSI: 4300, DIFF: 800-1200, RPM: 50, TORQUE: 23-27K FT/LBS, OFF: 6K FT/LBS, CIRCULATING CLOSED LOOP MW IN: 10.4 / OUT: 10.4 PPG
			SURFACE DRILLING	DRILLING		
13:00	13:30	0.5				TROUBLESHOOT 800PSI GAIN. RECYCLED PUMPS, CHECKED SURFACE EQUIPMENT. PRESSURE GAIN IS COMING FROM DOWN HOLE. **NPT: MOTOR FAILURE
			SURFACE DRILLING	OTHER	EQUIPMENT FAILURE (NON RIG)	

